

Chief copy at  
Catalog 1892-4

Completed only as far west as  
the Colorado River.



Museum No.	Collector's No.	Name	Sex and age	Date
7566		<i>Harporhynchus longirostris penicillatus</i>	♀ ad.	Feb. 1, 1892
7567		<i>Zonotrichia querula</i>	♂ ad.	do
7568		<i>Cardinalis cardinalis</i>	♂ ad.	do
7569		" "	♀ ad.	do
7570		" "	♀ ad.	do
7571		<i>Carpodacus mexicanus frontalis</i>	♂ juv.	Feb. 2, 1892
7572		<i>Otocoris alpestris</i>	♀ ad.	Feb. 4, 1892
7573		<i>Heleodytes brunneicapillus</i>	♂ ad.	do
7574		<i>Lanius ludovicianus</i>	♂ ad.	do
7575		<i>Zonotrichia intermedia</i>	♀ ad.	do
7576		" "	♂ ad.	do
7577		" "	♂ juv.	do
7578		<i>Corvus cryptoleucus</i>	♂ ad.	do
7579		<i>Lanius ludovicianus</i>	♂ ad.	Feb. 5, 1892
7580		!	♂	do
7581		?	♀	do
7582		<i>Agelaius phoeniceus</i>	♀ ad.	do
7583		" "	♀ ad.	do
7584		" "	♀ ad.	do
7585		" "	♀ ad.	do
7586		" "	♀ ad.	do
7587		" "	♀ ad.	do
7588		<i>Corvus cryptoleucus</i>	♂ ad.	Feb. 6, 1892
7589		" "	♀ ad.	do
7590		<i>Heleodytes brunneicapillus</i>	♀ ad.	do
7591		<i>Salpinctes obsoletus</i>	♂ ad.	do
7592		" "	♂ ad.	do
7593		<i>Amphispiza bilineata leucogaster</i>	Sex?	do
7594		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
7595		<i>Spizella breweri</i>	♀ ad.	do
7596		<i>Otocoris alpestris</i>	♀ ad.	Feb. 7, 1892
7597		" "	♀ ad.	do

## Locality

Fort Worth, Tarrant Co., Texas.

do

do

do

do

El Paso, Texas.

do

do

do

do

do

do

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do

do

do

do

do

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

292

347

108

129

28

36

31

197

280

90

92

11.5

27

24

237

310

100

114

18.

26

24

215

293

90

98

16.

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23

225

290

92

107

27

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23

150

251

80

65.5

12

18

17.5

168

308

96

69

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21

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212

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85

24.5

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101

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15.5

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168

244

78

78

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162

236

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72

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1020

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107

72.

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531

1080

355

221

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69.

504

1005

342

208

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212

275

88

84

23.

29

22

156

236

73

57

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18.5

158

239

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147

177

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224

318

101

110

15.5

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140

210

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68

10.

18.5

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172

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69

11.

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315

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66

11.

21

18



Museum No	Collector's Number	Name	Sex & Age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
	7598	<i>Otocoris alpestris</i>	♂ ad.	Febr. 7, 1892.	El Paso, Texas	182	340	110	81	12	23	18
	7599	<i>Salpinctes obsoletus</i>	♂ ad.	Feb. <del>20</del> <sup>31</sup> 1892	do	155	242	73	60	17	22	17.5
	7600	<i>Corvus cryptoleucus</i>	♂ ad.	Febr. 3, 1892	do	507	1060	365	219	bill ab- normal 54 height 23	61	55
	7601	" "	♀ ad.	do	do	500	1080	363	210	50	59	53
	7602	<i>Lanius ludovicianus</i>	♀ ad.	do	do	233	327	105	110	16.5	27.5	23
	7603	<i>Amphispiza belli nevadensis</i>	♂ ad.	do	do	171	239	81	82.5	10	22.5	18
	7604	<i>Salpinctes obsoletus</i>	-ad.	Febr. 8, 1892	do	151	227	71	55	17	21	17
	7605	<i>Corvus cryptoleucus</i>	♀ ad.	Febr. 9, 1892	do	526	1090	364	235	52	60	57
	7606	" "	♂ ad.	do	do	520	1080	353	221	54	65	58? 48
	7607	<i>Calamospiza melanocorys</i>	♂ ad.	Feb. 9, 1892	do	178	294	87	71	13	26	24
	<del>7608</del>	<del><i>Corvus cryptoleucus</i></del>	♂ ad.	do	do	224	310	95	93	18	27?	27
	7608	<i>Oroscoptes montanus</i>	♂ ad.	do	do	158	251	81	68	10	19.5	19
	7609	<i>Carpodacus mexicanus frontalis</i>	♂ ad.	Febr. 10, 1892	do	175	250	78	77.5	11	25	21
	7610	<i>Zonotrichia intermedia</i>	♂ juv.	do	do	154	235	72	59	17	22	19
	7611	<i>Salpinctes obsoletus</i>	♂ ad.	do	do	215	287	92	85	24	29	26
	7612	<i>Helodytes brunneicapillus</i>	♂ ad.	Febr. 11, 1892	do	209	272	83	81	21.5	27	23.5
	7613	" "	♀ ad.	do	do	165	239	77	75	11	23	21.5
	7614	<i>Zonotrichia intermedia</i>	♂ ad.?	do	do	289	551	180	157	11	46	38
	7615	<i>Accipiter velox</i>	♂ ad.	Febr. 12, 1892	do	232	320	101	107	15	25	21
	7616	<i>Lanius ludovicianus</i>	♀ ad.	do	do	112	180	57	53	9	16.5	12
	7617	<i>Curiparus flaviceps</i>	sex?	do	do	161	250	84	73	11	21	19
	7618	<i>Junco</i>	♂	do	do	139	198	64	61	9	18	16.5
	7619	<i>Spizella breweri</i>	♂ ad.	do	do	170	312	103	71	10.5	20	16
	7620	<i>Otocoris alpestris</i>	♀ ad.	do	do	170	320	101	67	11.5	21	17
	7621	" "	♀ ad.	Febr. 13, 1892	do	191	357	116	82	12.5	23	21
	7622	" "	♂ ad.	do	do	168	264	83	77	11	23	18.5
	7623	<i>Amphispiza belli nevadensis</i>	♂ ad.	do	do	183	340	115	81	12	21.5	19
	7624	<i>Otocoris alpestris</i>	♂ ad.	Feb. 14, 1892	do	206	341	110	87	17	21	19
	7625	<i>Sayornis saya</i>	♂ ad.	Feb. <del>15</del> <sup>15</sup> 1892	do	146	225	71	64	11	20.5	18
	7626	<i>Amphispiza bilineata</i>	♂ ad.	Febr. 16, 1892	do	186	328	108	70	24	18	19
	7627	<i>Tyrannus carolinensis bairdi</i>	♂ ad.	do	do	157	244	77	68	11	22	18
	7628	<i>Junco</i>	sex?	Febr. 17, 1892	do	154	242	75	66	11	22	18
	7629	"	♀ ad.	do	do							



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
7630		<i>Otocoris alpestris</i>	♂ ad.	Feb. 17, 1892	El Paso, Texas.	191	350	117	83	11.5	20	17
7631		<i>Amphispiza bilineata</i>	sex?	do	do	149	218	73	68	11.	17	15.5
7632		<i>Colaptes obsolitus</i>	♂ ad.	do	do	152	229	75	57.5	17.	21	17.
7633		<i>Corvus cryptoleucus</i>	♂ ad.	Feb. 20, 1892	do	545	1085	381	233	5.6	60	51
7634		" "	♀ ad.	do	do	505	1027	355	216	4.9	60	44
7635		<i>Zonotrichia intermedia</i>	♂	do	do	179	261	85	80	11	23	22
7636		<i>Pyrhuloxia</i>	ad.	do	Isletta, El Paso Co., Texas	219	310	99	109	13	26	24
7637		<i>Aphelocoma</i>	♀ ad.	do	do	298	402	130	140	25	40	31
7638		<i>Harporhynchus crissalis</i>	♀ ad.	do	do	297	323	101	125	36	33	29
7639		<i>Dryobates scalaris bairdi</i>	♂ ad.	Febr. 22, 1892	El Paso, Texas,	186	342	111	74	21	18	18.5
7640		" " "	♀ ad.	do	do	193	351	112	74	19.5	19.5	20.
7641		<i>Sialia mexicana bairdi</i>	♂ ad.	do	do	172	320	114	68	12.5	21.	20
7642		" " "	♂ ad.	do	do	179	330	110	71	12.5	22.	20
7643		<i>Zonotrichia intermedia</i>	♀	Febr. 23, 1892	do	171	246	77	76	10.7	23	21
7644		<i>Sayornis saya</i>	♂ ad.	do	do	202	335	108	88	18.	21	16.5
7645		<i>Corvus cryptoleucus</i>	♂ ad.	do	do	545	1080	360	216	5.3	63	55
7646		<i>Junco</i>	♂ ad.	Febr. 25, 1892	do	163	258	86	74.5	10.5	23	19
7647		"	♀ ad.	do	do	164	240	75	71.	11.	22	20
7648		<i>Zonotrichia intermedia</i>	sex?	do	do	176	249	81	79	11.	26	19
7649		<i>Sayornis saya</i>	♂ ad.	Feb. 27, 1892	do	200	326	108	88	16	20	17
7650		<i>Zonotrichia</i>	♂	do	do	169	230	72	74	10.5	22.5	20
7651		<i>Carpodacus mexicanus frontalis</i>	♂ juv.	do	do	156	254	82	69	10.	19.	19.
7652		<i>Corvus cryptoleucus</i>	♂ ad.	do	do	525	1080	356	226	5.2	67	52
7653		<i>Ardea herodias</i>	♀ ad.	do	do	1120*	1770	485	185	134	170	118
7654		<i>Sialia mexicana bairdi</i>	♂ ad.	do	do	—	—	—	—	—	—	—
7655		" " "	♀ ad.	do	do	—	—	—	—	—	—	—
7656		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	—	—	—	—	—	—	—
7657		<i>Carpodacus mexicanus frontalis</i>	♂ juv.	do	do	—	—	—	—	—	—	—
7658		<i>Spizella breweri</i>	♂ ad.	do	do	—	—	—	—	—	—	—
7659		<i>Phalaenoptilus nuttallii</i>	♂ ad.	Febr. 29, 1892	do	204	433	147	88	6.5	18	21.5
7660		<i>Accipiter cooperi</i>	♀ ad.	March 2, 1892	do	475	870	272	234	17.5	68	56.
7661		<i>Totanus melanoleucus</i>	♂ ad.	March 4, 1892	do	359	645	202	83	5.9	65	43.5

\*Additional measurements on page 16 of record book K.



Museum No	Collector's No	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
7662		<i>Spizella socialis arizonae</i>	♂ ad.	March 14, 1892	Juarez, Chihuahua, Mexico	145	335	77	68	9.2	17	16
7663		" " "	♂ ad.	do	do	150	337	78	68	9.2	17	16
7664		<i>Egialitis vocifera</i>	♂ ad.	do	do	243	504	163	92	19	34	25
7665		<i>Scolecophagus cunicularia hypogaea</i>	♂ ad.	March 15, 1892	Near Juarez, Chihuahua, Mexico	240	640	186	96	14.5	43	29
7666		<i>Turdus aonalaschtae</i>	♀ ad.	March 16, 1892	Mex. Bound. Line, 15 m. W. of El Paso.	174	270	189	73	12.3	27	21
7667		<i>Amphispiza belli nevadensis</i>	♂ ad.	do	do	171	257	84	81	12.	22	20
7668		<i>Spizella breweri</i>	♂ ad.	March 19, 1892	50 Miles west of El Paso, at Monument No. 15, M. B. L.	141	206	66	67	9.3	18	16.5
7669		<i>Regulus calendula</i>	♂ ad.	do	do	116	190	62	49	8.5	19	13
7670		<i>Sturnella</i>	♂ ad.	do	do	261	430	131	86	37	40	34
7671		<i>Scolecophagus cunicularia hypogaea</i>	♂ ad.	March 20, 1892	do	240	620	180	90	14.	45	30
7672		<i>Buteo borealis calurus</i>	♂ ad.	March 19, 1892	do	545	1300	400	225	24	88	62
7673		<i>Circus hudsonius</i>	♀	March 20, 1892	do	530	1230	400	255	19	83	54
7674		<i>Amphispiza belli nevadensis</i>	♂ ad.	do	do	160	245	80	76	10.5	22	18
7675		<i>Sturnella</i>	♀ ad.	March 21, 1892	do	228	366	112	69	30	38	35
7676		<i>Callipepla squamata</i>	♀ ad.	do	do	250	380	120	89	12	31	33
7677		" "	♂ ad.	do	do	260	382	118	87	12	33	32
7678		<i>Sayornis saya</i>	♂ ad.	do	do	199	334	113	91	17	21	18
7679		<i>Spizella breweri</i>	♂ ad.	do	do	137	208	67	67	8.5	17	16
7680		<i>Falco mexicanus</i>	♂ ad.	March 22, 1892	do	420	940	300	177	18.5	55	58
7681		<i>Numenius longirostris</i>	♂ ad.	do	do	550	975	280	118	144	80	47
7682		<i>Cyrtonyx montezumae</i>	♂ ad.	do	do	250	440	132	70	14.	30	35
7683		" "	♂ ad.	do	do	240	430	131	68	14.	30	34
7684		" "	♀ ad.	do	do	225	410	127	64	12.5	29	33
7685		<i>Spizella breweri</i>	♀ ad.	March 23, 1892	do	135	200	65	63	9.	15.5	16
7686		<i>Amphispiza belli nevadensis</i>	♀ ad.	March 25, 1892	do	157	240	77	72	10.3	25	18.5
7687		<i>Oreoscoptes montanus</i>	♀ ad.	do	do	225	319	100	94	19.	31.	25
7688		<i>Corvus cryptoleucus</i>	♀ ad.	do	do	513	1060	365	211	50	62	56
7689		<i>Circus hudsonius</i>	♀	March 26, 1892	do	520	1240	403	270	18	82	56
7690		<i>Lanius</i>	♂ ad.	March 27, 1892	do	240	330	106	101	16.5	28	25
7691		<i>Spizella breweri</i>	♂ ad.	March 28, 1892	do	144	205	67	70	9.	17.	15.5
7692		<i>Bubo virginianus pallascens</i>	♂ ad.	do	do	490	1310	373	210	27.	62	65
7693		<i>Junco caniceps</i>	♂ ad.	March 31, 1892	do	171	265	87	82	11.	22.	19.



Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Midtarsal and claw
7694		<i>Mniarchus cinerascens</i>	♂ ad.	Apr. 1, 1892.	{ Monument No. 15, Mex. Bd. Land, 59.6 miles west of El Paso, Texas.	225	340	110	105	18.5	23	19
7695		<i>Oreospiza chlorura</i> (Aud.)	♀ ?	do	do	189	252	80	89	13.	24	25
7696		<i>Pipilo fuscus mesoleucus</i>	♀ ad.	do	do	209	297	95	102	14.7	25	25
7697		<i>Junco caniceps</i>	♂ ad.	Apr. 2, 1892	do	166	258	86	79	11.5	20	18
7698		<i>Pooecetes gramineus confinis</i>	♀ ad.	do	do	158	265	82	67	11.	21	19
7699		<i>Corvus cryptoleucus</i>	♀ ad.	do	do	313	1060	365	212	50	63	54
7700		<i>Lanius</i>	♂ ad.	do	do	237	333	107	110	16.5	29	24
7701		"	♂ ad.	do	do	240	330	102	107	17.	30	25
7702		<i>Calamospiza melanocorys</i>	♀ ad.	Apr. 3, 1892	do	168	275	86	66	12.5	21	21
7703		<i>Sayornis saya</i>	♂ ad.	do	do	207	350	111	91	14.	20	19
7704		<i>Falco sparverius deserticola</i>	♂ ad.	Apr. 5, 1892	do	267	580	196	136	12	36	31
7705		<i>Lanius</i>	♀ ad.	do	do	231	327	103	105	15	26	23
7706		<i>Amphispiza belli nevadensis</i>	♀ ad.	do	do	164	249	81	77	11.5	20	19
7707		<i>Sayornis saya</i>	♂ ad.	do	do	200	342	111	91	15.5	21	17
7708		<i>Oreoscoptes montanus</i>	♂ ad.	Apr. 6, 1892	do	225	318	104	97	18.	30	26
7709		<i>Junco caniceps</i>	♂ ad.	do	do	166	262	87	77	11.5	21.5	19.5
7710		<i>Oreolyta cunicularia hypogaea</i>	♀ ad.	Apr. 7, 1892.	{ Mimbres Valley, near Palomas Lakes, Chihuahua, Mexico	232	625	180	86	18.	43.	29
7711		<i>Sphyrapicus thyroideus</i>	♀ ad.	do	do	225	415	137	94	25	21	22
7712		<i>Oreoscoptes montanus</i>	♂ ad.	do	do	225	322	103	95	17	32	27
7713		<i>Junco caniceps</i>	♀ ad.	do	Palomas Lakes, Chihuahua, Mex.	161	241	78	73	11	21.5	18
7714		<i>Macrohamphus scolopaceus</i>	♀ ad.	do	do	307	500	155	70	70	40	33
7715		<i>Recurvirostra americana</i>	♀ ad.	do	do	466	802	242	95	97	100	53
7716		<i>Macrohamphus scolopaceus</i>	♂ ad.	do	do	285	490	150	65	60	40	34
7717		"	♀ ad.	do	do	305	500	156	64	70	44	35
7718		"	♂ ad.	do	do	288	472	149	61	65	40	34
7719		<i>Micropalama himantopus</i>	♂ ad.	do	do	221	415	134	59	36	39	30
7720		"	♂ ad.	do	do	235	418	134	61	41	41	28
7721		"	♂ ad.	do	do	229	417	132	59	38	39.5	28
7722		"	♂ ad.	do	do	227	410	131	57	39	41.	27
7723		<i>Totanus melanoleucus</i>	♂ ad.	Apr. 8, 1892	do	243	595	183	84	54	62	39
7724		"	♀ ad.	do	do	354	610	193	83	56	63	40
7725		"	♀ ad.	do	do	356	650	205	84	55	65	40



Museum No.	Collector's No.	Name	Sex and Age	Date
7726		<i>Gallinago delicata</i>	♂ ad.	Apr. 8, 1892
7727		<i>Aegialitis vocifera</i>	♀ ad.	do
7728		<i>Cistothorus palustris</i>	♂ ad.	do
7729		<i>Anthus pensilvanicus</i>	♂ ad.	do
7730		<i>Tringa minutilla</i>	♀ ad.	do
7731		<i>Charitonetta albeola</i>	♂ ad.	do
7732		<i>Orismatura jamaicensis</i>	♀ ad.	do
7733		<i>Aegialitis vocifera</i>	♂ ad.	do
7734		<i>Numenius borealis</i>	♀ ad.	do
7735		<i>Falco fusco-cerulescens</i>	♂ ad.	Apr. 9, 1892
7736		<i>Anas strepera</i>	♀ ad.	do
7737		<i>Spatula clypeata</i>	♂ ad.	do
7738		<i>Anas strepera</i>	♂ ad.	do
7739		" "	♂ ad.	do
7740		<i>Macrorhamphus scotopaceus</i>	♂ ad.	do
7741		" "	♀ ad.	do
7742		" "	♂ ad.	do
7743		<i>Pipilo maculatus megalonyx</i>	♀ ad.	do
7744		<i>Chen hyperborea</i>	♂ ad.	Apr. 10, 1892
7745		<i>Fulica americana</i>	♂ ad.	do
7746		<i>Botaurus lentiginosus</i>	♂ ad.	do
7747		<i>Circus hudsonius</i>	♀ ad.	do
7748		<i>Tringa minutilla</i>	♂ ad.	do
7749		" "	♀ ad.	do
7750		" "	♀ ad.	do
7751		" "	♂ ad.	do
7752		<i>Spatula clypeata</i>	♂ ad.	do
7753		<i>Anas cyanoptera</i>	♀ ad.	do
7754		<i>Anas discors</i>	♀ ad.	do
7755		<i>Anas carolinensis</i>	♀ ad.	do
7756		" "	♀ ad.	do
7757		<i>Anas cyanoptera</i>	♂ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Palomas Lakes, Chihuahua, Mex.	276	440	140	65	63	34	38
do	257	500	162	102	18	33	25
do	138	180	56	53	14	20	17.5
do	170	275	87	70	13	23	18
do	150	288	90	43	17.5	17.5	20
do	385	625	180	95	28	33	57
do	345	570	147	65	40	33	64
do	268	530	173	109	20.5	37	28
do	365	720	214	95	63	45	32.5
(Camp near)	390	835	270	193	15.5	47.5	48
do	500	870	263	197	39	41	54
do	510	810	250	102	68	37	52
do	551	922	276	109	47	46	58
do	535	905	275	105	45	43	61
do	285	470	147	68	61	39	34
do	308	506	155	68	73	39	37
do	282	478	148	61	68	39.5	35
do	210	285	91	97	15	28	28
do	755	1525	437	166	56	81	75
do	395	720	210	60	34	62	94
do	705	1060	293	105	80	93	108
do	510	1230	400	265	19	85	52
do	144	287	88	40	17	19	20
do	149	287	90	42	18	20	20.5
do	152	292	94	42	19.5	20	20.5
do	143	282	88	42	17	18	19
do	512	820	258	110	69	40	52
do	400	623	184	75	44	34	45
do	407	645	194	80	47	34	47
do	380	600	184	83	38	31	44
do	376	586	185	84	35	29	42
do	423	665	200	87	47	35	47



Museum No.	Collector's No.	Name	Sex and age	Date
7758		<i>Erismatura jamaicensis</i>	♀ ad.	Apr. 10, 1892
7759		<i>Anas strepera</i>	♂ ad.	Apr. 11, 1892
7760		<i>Plegadis guarauna</i>	♀ ad.	Apr. 12, 1892
7761		<i>Xanthocephalus xanthocephalus</i>	♂ ad.	do
7762		"	♂ ad.	do
7763		"	♂ ad.	do
7764		<i>Anas strepera</i>	♂ ad.	do
7765		<i>Anmodramus s. alaudinus</i>	♂ ad.	April 12, 1892.
7766		<i>Junco caniceps</i>	♀ ad.	do
7767		<i>Tringa pusilla</i>	♂ ad.	do
7768		"	♂ ad.	do
7769		<i>Anas cyanoptera</i>	♂ ad.	do
7770		<i>Anas carolinensis</i>	♂ ad.	do
7771		"	♂ ad.	do
7772		<i>Fulica americana</i>	♀ ad.	do
7773		<i>Anas strepera</i>	♀ ad.	Apr. 13, 1892
7774		<i>Pipilo maculatus megalonyx</i>	♂ ad.	do
7775		<i>Anas strepera</i>	♀ ad.	Apr. 13, 1892
7776		<i>Erismatura</i>	♂ ad.	do
7777		"	♀ ad.	do
7778		<i>Tringa minutilla</i>	♂ ad.	do
7779		"	♂ ad.	do
7780		"	♂ ad.	do
7781		"	♂ ad.	do
7782		"	♂ ad.	do
7783		"	♀ ad.	do
7784		<i>Gallinago delicata</i>	♂ ad.	do
7785		<i>Aegialitis vocifera</i>	♂ ad.	do
7786		<i>Anmodramus s. alaudinus</i>	♂ ad.	do
7787		<i>Himantopus mexicanus</i>	♂ ad.	Apr. 14, 1892
7788		<i>Totanus flavipes</i>	♂ ad.	do
7789		<i>Amphispiza bilineata</i>	♂ ad.	do

Locality	Length	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Palomas Lake, Chihuahua, Mex.	380	580	147	91	42	34
do	545	915	277	110	46	48
do	520	910	261	101	115	87
do	275	455	147	111	22	38
do	270	471	154	113	23	39
do	278	468	155	109	22	34.5
do	520	920	275	107	42	43
Lake Palomas, Chihuahua, Mexico	tail gone 158	232	73	gone	11.2	21
do	243	80	74	74	11.5	20.5
do	154	285	91	42	18.5	19.5
do	149	287	89	42	16.	19.5
do	425	655	193	86	44	34
do	388	610	187	80	40	32
do	373	620	187	79	37	33
do	375	665	192	63		56
do	570	865	265	105	41	42
do	227	(about) 285	92	112	15	28
Lake Palomas, Chihuahua, Mex.	500	865	268	97	44	42
do	405	600	152	90	39	34
do	390	565	145	90	42	33
do	148	284	88	42	17	19
do	151	285	88	42	17	18.5
do	148	282	89	40	18	19
do	150	290	92	42	16	19.5
do	149	282	89	40	18	19
do	159	307	95	43	19	21
do	273	440	138	65	63	32
do	250	508	66	98	19	37
do	143	232	72	58	11	19
do	377	725	232	80	64	116
do	272	502	154	70	33	51
do	152	224	72	73	11	19

\* Additional measurements on page 31 of field record book.



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
7790		<i>Polyptila plumbea</i>	♂ ad.	Apr. 15, 1892	Booca Grande Mts., Chihuahua, Mex.	119	162	62	55	11.5	18	11.5
7791		<i>Callipepla squamata</i>	♂ ad.	do	Carrizalillo Mountains, M.B.L.	281	395	125	94	14	36	37
7792		" "	♂ ad.	do	do	282	400	125	95	14.5	34	35
7793		" "	♂ ad.	do	do	275	401	127	93	14	36	37
7794		" "	♀ ad.	do	do	260	385	124	85	13	32	34
7795		" "	♀ ad.	do	do	282	392	125	95	13	34	38
7796		" "	♂ ad.	do	do	273	392	123	88	12.5	35	36
7797		" "	♂ ad.	do	do	284	400	124	90	12.5	34	36
7798		" "	♂ ad.	do	do	281	393	123	95	12.5	34	36
7799		<i>Myiarchus cinerascens</i>	♂ ad.	Apr. 16, 1892	Booca Grande Mts., Chihuahua, Mex.	220	330	103	101	19	23	20
7800		<i>Spizella socialis arizonae</i>	♂ ad.	do	Carrizalillo Mts., Chihuahua, Mex.	150	228	73	70	10.5	17	17.5
7801		<i>Spizella breweri</i>	♂ ad.	do	do	139	206	64	64	9	17.5	18
7802		<i>Regulus calendula</i>	♀	do	do	110	174	60	46	9.5	17	13
7803		<i>Callipepla squamata</i>	♂ ad.	do	do	275	400	123	93	12.3	34	35
7804		" "	♂ ad.	do	do	286	410	127	96	13.5	35.5	35
7805		" "	♀ ad.	do	do	278	395	120	93	12.7	34	34
7806		" "	♂ ad.	do	do	270	400	123	96	13	33	34
7807		" "	♀ ad.	do	do	277	404	125	95	12.5	33	33.5
7808		" "	♀ ad.	do	do	255	392	120	80	12.2	32.5	33.5
7809		" "	♀ ad.	do	do	263	387	117	92	12.4	33.5	35
7810		" "	♂ ad.	Apr. 17, 1892	do	275	390	120	93	12.7	34	34
7811		<i>Spizella breweri</i>	♂ ad.	Apr. 18, 1892	do	138	200	64	63	9	19	18
7812		<i>Amphispiza bilineata</i>	♀ ad.	do	do	142	212	67	61	10.5	19.5	18
7813		<i>Spizella breweri</i>	-ad.	do	do	139	198	65	67	9	17.5	16
7814		<i>Amphispiza bilineata</i>	♂ ad.	do	do	145	224	72	65	12	21	17
7815		<i>Helodytes brunneicapillus</i>	♂ ad.	do	do	209	292	90	85	22.5	30	24
7816		<i>Icterus parisorum</i>	♂ ad.	do	do	219	335	109	96	21	25.5	25
7817		" "	♂ ad.	do	do	210	317	103	87	23	24.5	24
7818		<i>Wilsonia pusilla</i>	♂ ad.	do	do	180	185	62	59	10	18	14
7819		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do	do	225	316	100	109	16	26	25
7820		<i>Junco caniceps</i>	♂ ad.	do	do	166	256	84	76	11	20.5	19
7821		<i>Spizella breweri</i>	? ad.	do	do	140	205	64	64	9	18.5	16



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
7822		<i>Callipepla squamata</i>	♀ ad.	April 18, 1892.	Carrizalillo Mountains, M.B.L.	282	397	122	95	12.5	34	35
7823		" "	♂ ad.	do	do	277	393	119	89	13.	36	35
7824		" "	♀ ad.	do	do	270	398	122	94	12.6	35	36
7825		" "	♂ ad.	do	do	284	404	123	95	12.2	35	36.5
7826		" "	♂ ad.	do	do	Not measured; has been injured.						
7827		<i>Myiarchus cinerascens</i>	♂ ad.	April 19, 1892.	do	220	330	103	102	17.5	23	19
7828		<i>Helodytes brunneicapillus</i>	♀ ad.	do	do	208	281	86	89	22	27.5	24
7829		<i>Spizella socialis arizonae</i>	♀ ad.	do	do	144	223	77	68	10	17.	16.3
7830		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do	do	208	319	101	100	16	25	24
7831		" " "	♂ ad.	do	do	222	313	103	109	16	25	24
7832		" " "	♂ ad.	do	do	219	320	104	107	17	26	25
7833		<i>Peucaea ruficeps boucardi</i>	♂ ad.	do	do	167	219	70	78	12	21.5	20
7834		" " "	♂ ad.	do	do	168	217	70	78	13	21.	19.5
7835		<i>Helodytes brunneicapillus</i>	♂ ad.	do	do	218	287	93	91	23	29	24.5
7836		<i>Regulus calendula</i>	? ad.	do	do	105	184	61	52	10	19	14
7837		<i>Sayornis saya</i>	♀ ad.	do	do	181	300	98	80	15	19	15
7838		<i>Junco annectens</i> ?	♀ ad.	do	do	159	244	79	74	11.8	20.5	19
7839		<i>Wilsonia pusilla</i>	♂ ad.	do	do	125	181	60	54	9.5	18.	14.5
7840		<i>Dryobates scalaris bairdi</i>	♂ ad.	do	do	188	339	107	73	23	18.5	20.5
7841		<i>Trochilus alexandri</i>	♂ ad.	do	do	97	110	43	28	20	4.7	6.6
7842		<i>Aquila chrysaetos</i>	♂ pullus	April 20, 1892	do	Description of this nestling on page 51 of record book.						
7843		<i>Harporhynchus bairdii</i>	♂ ad.	April 21, 1892	do	262	352	110	121	24	33	31
7844		<i>Pipilo fuscus mesoleucus</i>	♀ ad.	do	do	210	196	92	104	15	24.5	25
7845		<i>Spizella socialis arizonae</i>	♀ ad.	April 20, 1892	do	138	230	73	64	9.	17.	18.
7846		" " "	♂ ad.	do	do	148	240	76	66	10.	18.	18.
7847		" " "	♀ ad.	do	do	139	220	71	65	9.5	17.	16.
7848		<i>Salpinctes obsoletus</i>	♂ ad.	do	do	158	233	75	59	20.	22.	19.
7849		<i>Empidonax wrightii</i>	♂ ad.	April 22, 1892	Upper Corner Monument (No. 40) M.B.L.	152	236	74	64	12.5	18.	14.
7850		<i>Asio wilsonianus</i>	♂ ad.	do	do	345	945	295	149	18.	41.	44.
7851		<i>Callipepla squamata</i>	♂ ad.	April 23, 1892.	do	265	397	124	93	12.	32.	33
7852		<i>Myiarchus cinerascens</i>	♂ ad.	do	do	219	328	105	104	17.	23.	19.
7853		<i>Amphispiza bilineata</i>	♂ ad.	do	do	145	224	72	69	11.	20.	16.5



Museum No. Collector's No.

	Name	Sex and age	Date
7854	<i>Xanthocephalus xanthocephalus</i>	♂ ad.	April 23, 1892
7855	<i>Scolecophagus cyanocephalus</i>	♀ ad.	April 24, 1892.
7856	<i>Geothlypis macgillivrayi</i>	♂ ad.	do
7857	<i>Sturnella</i>	♂ ad.	do
7858	<i>Zenaidura macroura</i>	♂ ad.	do
7859	<i>Scolecophagus cyanocephalus</i>	♀ ad.	April 25, 1892
7860	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	do
7861	<i>Scolecophagus cyanocephalus</i>	♂	April 26, 1892.
7862	<i>Myiarchus cinerascens</i>	♂ ad.	do
7863	<i>Callipepla squamata</i>	♀ ad.	do
7864	<i>Dendroica auduboni</i>	♂ ad.	do
7865	<i>Callipepla squamata</i>	♂ ad.	April 11, 1892
7866	<i>Corvus cryptoleucus</i>	♀ ad.	April 11, 1892
7867	<i>Anas strepera</i>	♀ ad.	Apr. 26, 1892
7868	<i>Turdus aonalaschkae</i>	ad.	Apr. 1, 1892
7869	<i>Pipilo maculatus megalonyx</i>	♂ ad.	do
7870	<i>Zenaidura macroura</i>	♂ ad.	Apr. 28, 1892
7871	<i>Tyrannus verticalis</i>	♂ ad.	do
7872	<i>Cathartes aura</i>	♀ ad.	Apr. 30, 1892
7873	<i>Auriparus flaviceps</i>	♂ ad.	do
7874	" "	♀ ad.	do
7875	<i>Contopus richardsonii</i>	♂ ad.	do
7876	<i>Amphispiza bilineata</i>	♀ ad.	do
7877	<i>Dendroica auduboni</i>	♂ ad.	do
7878	<i>Mimus polyglottos</i>	♂ ad.	do
7879	<i>Wilsonia pusilla</i>	♀ ad.	do
7880	<i>Myiarchus cinerascens</i>	♂ ad.	May 1, 1892
7881	<i>Callipepla squamata</i>	♂ ad.	Apr. 29, 1892
7882	<i>Helodytes brunneicapillus</i>	♀ ad.	May 1, 1892
7883	<i>Dendroica <sup>auduboni?</sup> <del>aurata</del></i>	♂ ad.	May 2, 1892
7884	<i>Tyrannus verticalis</i>	♀ ad.	do
7885	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	May 3, 1892.

Locality  
{ Upper Corner Monument (No. 40), M. B. L.

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
do	279	459	150	116	24	35	35
do	235	380	122	94	19	32	30
do	281	462	151	116	23	35	34.5
do	140	192	62	58	11	21	17
do	322	465	160	160	13	21	26
do	223	362	111	67	30.5	36	32.5
do	229	320	100	109	16.	28.5	23.
do	272	430	142	119	22	37.	31
do	281	325	105	98	20	25	18
do	275	400	124	93	14	32	35
do	149	247	82	64	11.	20	17.5
Monument No. 15, M. B. L.	Mr. Van Arman shot with rifle.						
Monument No. 15, M. B. L.	527	1065	355	217	50	58	52
{ Upper Corner Monument (No. 40), 100 miles west of the Rio Grande	—	—	—	—	—	—	—
Monument No. 15, M. B. L.	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
{ Upper Corner Monument (No. 40, M. B. L.), 100 miles west of the Rio Grande.	289	454	153	126	13	21	26
do	228	418	138	116	19	18	20
do	653	1660	535	275	26	67	90
do	125	178	55	65	8.2	16	12.5
do	116	171	54	52	9.	16	12.5
do	161	272	90	71	13.	14.	13.
do	142	205	64	63	12.	18.	16.
do	152	252	83	68	10	19	17
do	255	355	114	123	19	33	28
do	127	175	56	58	9	18	13.5
do	218	333	104	102	19	22.5	19
do	264	405	124	90	12.5	34	35
do	198	263	80	80	20.5	25	23
do	143	240	78	63	10	19	17
do	219	393	125	95	20.5	19.5	20
do	231	337	113	107	17.	28	24



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alarexpanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw7886 *Dendroica auduboni* ♂ ad. May 3, 1892.7887 *Turdus ustulatus?* ♂ ad. do7888 *Oreospiza chlorura* (Aud.). ♂ ad. do7889 *Myiarchus cinerascens* ♂ ad. do7890 *Cathartes aura* ♂ ad. May 4, 18927891 *Empidonax hammondi* ♀ ad. do7892 *Dendroica auduboni* ♂ ad. May 5, 1892127305 7893 *Zenaidura macroura* ♂ ad. do7894 *Geothlypis macgillivrayi* ♂ ad. do7895 *Helminthophila celata* ♀ ad. do7896 *Empidonax* (♀?) ad. do7897 *Poliophtila caerulea* ♂ ad. do7898 *Spizella socialis arizonae* ♀ ad. do7899 *Empidonax* ♂ ad. do7900 *Pipilo maculatus megalonyx* ♀ ad. do127193 7901 *Icterus parisorum* ♂ ad. do7902 *Junco caniceps* ♀ ad. do7903 *Dendroica auduboni* ♂ ad. do7904 *Turdus aonalaschkae nanus* ♀ ad. do7905 *Aquila chrysaetos* ♀ ad. May 5, 18927906 *Wilsonia pusilla* ♂ ad. May 6, 18927907 *Seiophagus cyanocephalus* ♂ ad. do127160 7908 *Lanius ludovicianus excubitorides* ♀ ad. do7909 *Tyrannus vociferans* ♀ ad. May 7, 18927910 *Myiarchus cinerascens* ♀ ad. May 8, 18927911 *Gonotrichia leucophrys* ♂ ad. May 9, 18927912 *Piranga ludoviciana* ♂ ad. do7913 *Aquila chrysaetos* ♀ juv. do7914 *Lanius ludovicianus excubitorides* ♀ ad. do

7915 " " " ♂ ad. do

7916 *Icterus parisorum* ♂ ad. do

7917 " " " ♂ juv. May 10, 1892.

{ Upper Corner Monument (No. 40,  
M.B.L.), 10 a.m. W. of the Rio Grande

150 242 79 64 10 19 17.5

197 315 105 85 13.5 29 24

201 268 87 95 12.3 25.5 24.5

219 342 105 101 19 23 19

645 1740 510 270 32 60 78

146 225 70 65 11 17.5 15

151 245 81 66 10 20 17

(14 tail feathers) 305 455 150 142 14.5 21 27

136 197 61 56 11 20.5 18

130 196 63 53 10 19 15

153 229 73 72 11 19 15

124 168 52 57 10 18 12.5

143 216 70 67 9.5 17 17

145 220 69 63 10.8 18 14

213 272 90 107 14 27 25

204 329 106 90 — 23 23

158 250 80 73 11 21 19.5

143 235 79 63 10 19 16

174 266 86 71 14 28 23

Mon. No. 40; M.B.L. (Upper Corner) 805\* 2225 690 355 47.5 110 m. cl. 42 mt. 79

129 185 59 55 9 18 14.5

253 412 134 108 22 33 30

217 305 93 95 16 25 22.5

226 408 128 97 17.5 19 21

212 304 98 96 16 23 20

189 264 84 86 11.3 24.5 24

191 308 99 80 16 20.7 18.5

Weight, 8 pounds avoirdupois

228 320 100 102 15.5 28 23

233 323 100 104 16 27.5 24

217 328 105 96 22.5 24 23

210 313 101 88 24 24 25

\* Additional measurements on page 22 of second book.



Museum No.	Collector's No.	Name	Sex and Age	Date
	7918	<i>Myiarchus cinerascens</i>	♂ ad.	May 10, 1892.
	7919	" "	♂ ad.	do
	7920	<i>Osterus parisorum</i>	♂ ad.	May 11, 1892
	7921	<i>Myiarchus cinerascens</i>	♂ ad.	do
	7922	<i>Pipilo maculatus megalonyx</i>	♂ ad.	do
	7923	<i>Wilsonia pusilla</i>	♂ ad.	do
	7924	<i>Junco caniceps</i>	♂ ad.	do
	7925	<i>Poocaetes gramineus confinis</i>	♂ ad.	May 13, 1892.
	7926	<i>Trochilus alexandri</i>	♂ ad.	May 14, 1892
	7927	<i>Spizella socialis arizonae</i>	♂ ad.	do
	7928	<i>Chelidon erythrogastra</i>	♂ ad.	May 21, 1892
	7929	" "	♂ ad.	do
127259	7930	<i>Callipepla squamata</i>	♂ ad.	do
127258	7931	" "	♂ ad.	do
127304	7932	<i>Zenaidura macroura</i>	♂ ad.	do
127303	7933	" "	♂ ad.	do
	7934	<i>Amphispiza bilineata</i>	♂ ad.	May 22, 1892
	7935	<i>Vireo gilvus swainsoni</i>	♂ ad.	May 24, 1892
	7936	" "	♂ ad.	do
	7937	<i>Empidonax mexicanus frontalis</i>	♂ ad.	do
	7938	<i>Gamelodia melanocephala</i>	♂ ad.	do
	7939	<i>Dendroica auduboni</i>	♂ ad.	do
	7940	<i>Zonotrichia leucophrys</i>	♂ ad.	May 25, 1892
	7941	<i>Buteo swainsoni</i>	♂ ad.	May 27, 1892
	7942	" "	♂ ad.	do
127261	7943	<i>Callipepla squamata</i>	♂ ad.	do
127260	7944	" "	♂ ad.	do
127215	7945	<i>Tyrannus verticalis</i>	♂ ad.	do
127214	7946	" "	♂ ad.	do
	7947	<i>Otocoris</i>	♂ ad.	do
	7948	<i>Salpinctes obsoletus</i>	♂ juv.	do
	7949	<i>Geothlypis macgillivrayi</i>	♂ ad.	May 11, 1892

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	45 Middle toe and claw
{ Upper Corner Monument (No 40, N. B. L. 100 m. W. of the Rio Grande	214	313	98	94	19	23.	19.
do	214	320	100	94	19	21.5	18.5
do	224	326	106	95	23	23.5	23.
do	215	318	99	94	19	23.	20
do	210	273	86	103	15	26	27
do	125	175	56	53	9.	18	14
do	163	247	80	73	12.2	21	20
do	165	264	82	70	13.	21	20
do	95	111	42	29	18.5	4.7	6.5
do	140	223	72	66	10.	17	16.5
Mosquito Springs, Chihuahua, Mex.	187	333	123	93	8	11	17.5
do	197	337	125	106	8	11	17.5
{ Sycamore Spring, Grant County, New Mexico.	278	410	127	97	12.2	33	36
do	282	408	124	95	13.	35	35
{ Dog Spring, Grant County, New Mexico.	277	442	150	130	13.5	21	23
do	322	460	155	164	14	23	25
do	148	222	73	73	10.5	18	17
do	142	224	70	57	11.	19	15
do	137	218	69	52	10.5	18	14.5
do	160	257	83	70	12.	17.5	19.
do	210	330	104	82	19	24.	23.
do	145	232	75	62	11	20	17
{ Hachita Grande Mountain, Grant Co., New Mexico.	182	256	77	81	12.5	24	23.5
{ Dog Spring, Grant County, New Mexico.	510	1310	420	228	22.5	68	58
do	490	1220	383	210	22.	68	58
do	288	403	124	100	13	32	35
do	275	395	122	96	13	31	34
do	222	408	134	103	18.	18.5	20
do	224	390	127	94	18.5	18.5	20
do	164	299	98	66	11.	20	15.5
do	Young just from nest.						
Mosquito Springs, Chihuahua, Mex.	142	194	65	56	11.	22.	15.



Museum No.	Collector's No.	Name	Sex and Age	Date
	7950	<i>Empidonax wrighti</i>	♂ ad.	May 11, 1892
	7951	<i>Cathartes aura</i>	♂ ad.	do
	7952	<i>Ereunetes occidentalis</i>	♀ ad.	do
	7953	" "	♀ ad.	do
	7954	<i>Aegialitis vocifera</i>	♀ ad.	do
	7955	<i>Chelidon erythrogaster</i>	♂ ad.	May 12, 1892
	7956	<i>Chordeiles acutipennis texensis</i>	♂ ad.	do
	7957	" " "	♂ ad.	do
	7958	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	May 13, 1892
	7959	<i>Aegialitis vocifera</i>	♂ ad.	do
127148	7960	<i>Harporhynchus erissalis</i>	♀ ad.	May 16, 1892
	7961	<i>Scirurus aurocapillus</i>	♀ ad.	do
	7962	<i>Corvus cryptoleucus</i>	♀ ad.	do
	7963	<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
	7964	<i>Otocoris</i>	♂ ad.	do
	7965	<i>Ammodramus s. alaudinus</i>	♀ ad.	do
	7966	<i>Xanthocephalus xanthocephalus</i>	♀ ad.	do
	7967	<i>Pyrrhuloxia</i>	♂ ad.	May 17, 1892
	7968	<i>Xanthocephalus xanthocephalus</i>	♀ ad.	May 16, 1892
	7969	<i>Junco</i>	♂ ad.	May 18, 1892
127221	7970	<i>Myiarchus cinerascens</i>	♂ ad.	do
	7971	<i>Dendroica auduboni</i>	♀ ad.	do
	7972	<i>Junco</i>	♂ ad.	do
	7973	<i>Wilsonia pusilla</i>	♀ ad.	do
127223	7974	<i>Contopus borealis</i>	♀ ad.	do
	7975	" "	♂ ad.	May 19, 1892
	7976	<i>Chondestes grammacus strigatus</i>	♂ ad.	do
	7977	<i>Contopus richardsonii</i>	♀ ad.	do
	7978	<i>Piranga hepatica</i>	♂ ad.	do
	7979	" "	♀ ad.	do
	7980	<i>Junco cinereus</i>		do
	7981	<i>Myiothorus bicolor</i>	♂ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Moquito Springs, Chihuahua, Mexico.	152	230	73.5	69	12	19	14
do	605	1054	476	243	26	62	86
do	176	327	105	52	28	25	23
do	175	320	102	50	26	25	22
do	250	522	170	94	21	34	28
do	195	325	126	102	8	16	16
do	243	575	202	120	5	14	21
do	248	574	200	120	5.3	16	20
do	225	320	102	103	16	28	22.5
do	284	505	165	102	19.5	34	28
do	295	318	100	142	37	34	28
do	151	240	76	57	12.5	25	23
do	505	1040	350	219	48	62	50
do	218	315	101	102	15	24	26
do	178	—	110	74	10	19	19
do	137	225	72	51	10.5	21	19
do	232	380	125	94	19	32	31
do	220	310	97	110	15	26	24
do	231	360	117	90	19.5	30	31
Hachita Grande Mt., Grant Co., N. M.	163	245	80	77	12	22	19
do	225	328	108	103	17	26	17
do	136	225	75	59	10.5	19.5	16.5
do	164	260	82	77	13	21	20
do	124	173	55	52	8	17	14
do	190	325	108	76	18	14	16
do	193	328	109	77	18	14	16
do	173	275	88	73	12	21	20.5
do	153	253	82	65	13	13	13
do	208	323	103	88	18	22.5	22
do	210	323	103	89	18	23	22.2
do	166	253	83	78	11.5	21	19
do	146	190	61	63	15	18.5	17



Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Midt toe and claw
	7982	<i>Catherpes mexicanus conspersus</i>	♀ ad.	May 19, 1892	{ Hachita Grande Mountain, Grant County, New Mexico.	150	192	61	55	20.5	17	17.5
127239	7983	<i>Aeronautes melanoleucus</i>	♂ ad.	May 20, 1892	do	161	344	144	65	7.	10	14
127162	7984	<i>Tachycineta thalassina</i>	♂ ad.	do	do	135	310	120	49	6.	13	15
	7985	<i>Antrostomus vociferus macromystax</i>	♀ ad.	May 21, 1892	do	244	462	165	119	14	18	21
	7986	<i>Myiothorus bewickii</i>	? ad.	do	do	138	about 185	60	64	15	19	14
	7987	<i>Piranga hepatica</i>	♂ ad.	do	do	215	330	108	87	17.5	24	22.5
127176	7988	<i>Peucaea ruficeps boucardi</i>	♀ ad.	do	do	158	210	67	69	12	21	20
	7989	<i>Vireo</i>	♂ ad.	do	do	144	208	69	63	11	20	15
	7990	<i>Contopus richardsonii</i>	♂ ad.	do	do	163	270	90	67	12.5	15	12
	7991	<i>Helminthophila celata</i>	? ad.	do	do	124	175	60	52	10	20	13
	7992	<i>Spinus pinus</i>	♂ ad.	May 22, 1892	do	137	237	78	48	10.8	15	16
	7993	<i>Psaltirparus</i>	♀ ad.	do	do	111	154	52	60	7	17	12
	7994	"	♂ juv.	do	do	81	125	40	32	6	16	12
127196	7995	<i>Icterus parisorum</i>	♀ ad.	do	do	205	304	99	86	21.5	25	22.5
127238	7996	<i>Aeronautes melanoleucus</i>	♂ ad.	May 23, 1892	do	157	327	142	59	6	10	13.5
	7997	<i>Polioptila caerulea</i>	♀ ad.	May 24, 1892	do	123	157	51	55	11	27.5	10.
	7998	<i>Icterus parisorum</i>	♂ ad.	do	do	225	344	122	100	23	26.5	25
127194	7999	"	" ♀ x.H.	do	do	207	318	102	87	20.5	25	24
	8000	<i>Vireo</i>	♀ ad.	do	do	137	217	72	55	10.5	19	14
	8001	<i>Aphelocoma woodhousei</i>	♂ ad.	do	do	315	415	135	156	26	42	30
	8002	<i>Chondestes grammacus strigatus</i>	♀ ad.	May 11, 1892	Mosquito Springs, Chihuahua, Mex	170	274	87	71	13	21	20.5
	8003	<i>Asio accipitrinus</i>	? ad.	May, 1892	Alamo-Huaco Rav., Grant Co., N.M.	Dissipated head of specimen found dead.						
	8004	<i>Geothlypis brunneicapillus</i>	♀ ad.	May 29, 1892	Dog Spring, Grant Co., New Mexico	203	269	82	82	22	27	24.5
	8005	<i>Trochilus</i>	♀ ad.	May 30, 1892	do	96	125	52	33	19	6.5	8.
	8006	<i>Amphispiza bilineata</i>	♂ ad.	do	do	148	222	70	68	12	21	17
127141	8007	<i>Mimus polyglottos</i>	♂ ad.	do	do	250	365	119	128	19	34	28
127195	8008	<i>Icterus parisorum</i>	♀ ad.	do	do	211	324	105	88	21	25.5	24.5
127150	8009	<i>Geothlypis brunneicapillus</i>	♂ ad.	do	do	218	285	93	84	—	31.5	26
127158	8010	<i>Ampelis cedrorum</i>	♂ ad.	May 31, 1892	do	180	292	96	60	10	19	20
127159	8011	"	♀ ad.	do	do	175	290	96	59	10	19	20
127230	8012	<i>Melanerpes formicivorus</i>	♀ ad.	do	do	232	454	143	90	23	22	24
127171	8013	<i>Piranga hepatica</i>	♀ ad.	do	do	214	332	103	97	17	26	21



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
127182	8014	<i>Pipilo fuscus mesoleucus</i>	♂ ad.	May 31, 1892	Dog Spring, Grant Co., New Mexico	225	310	102	105	16	27	26
127147	8015	<i>Harporhynchus crissalis</i>	♂ ad.	do	do	305	332	105	142	32	36	32
127220	8016	<i>Myiarchus cinerascens</i>	♂ ad.	do	do	220	328	101	100	19	23	18
	8017	<i>Contopus richardsonii</i>	♀ ad.	do	do	160	260	87	68	13	15	12
	8018	<i>Vireo gilvus swainsoni</i>	♀ ad.	do	do	133	215	70	51	9.5	18	15
127143	8019	<i>Mimus polyglottos</i>	♂ ad.	do	do	260	354	115	128	18	33	29
126718	8020	<i>Meleagris</i>	♀ ad.	do	{ West side of San Luis Moun- -tains, Chihuahua, Mexico	1050	1440	445	380	33	140	99
	8021	"	♀ ad.	June 1, 1892	do				380	35	140	100
127247	8022	<i>Speotyto cunicularia hypogaea</i>	♂ ad.	May 31, 1892	{ West base of San Luis Moun- -tains, Grant Co., New Mexico	242	640	185	90	15	50	27
127231	8023	<i>Melanerpes formicivorus</i>	♀ ad.	do	{ West side of San Luis Moun- -tains, Chihuahua, Mexico	237	455	145	91	26	21	25
	8024	<i>Buteo abbreviatus</i>	♀ ad.	June 1, 1892	do	560	1400	440	247	26	83	67
	8025	"	♂ ad.	do	do	495	1290	410	228	22	75	62
127257	8026	<i>Callipepla squamata</i>	♂ ad.	June 3, 1892	{ White Water, Chihuahua, Mexico	273	393	120	92	12.5	34	34
127256	8027	"	♀ ad.	do	do	275	393	119	95	13.5	33.5	33.5
	8028	<i>Carpodacus mexicanus frontalis</i>	♀ ad.	June 5, 1892	{ Dog Spring, Grant County, New Mexico	155	247	78	64	11.5	19	20
	8029	<i>Guiraca caerulea eurhyncha</i>	♀ ad.	do	do	179	278	90	75	17	20	23.5
127265	8030	<i>Egialitis vocifera</i>	♀ ad.	do	do	252	370	164	98	20	39	26
	8031	<i>Geococcyx californianus</i>	♀ ad.	June 6, 1892	do	564	528	172	300	47	61	44
	8032	"	♂ ad.	do	do	600	550	182	320	49	62	47
	8033	<i>Lanius ludovicianus excubitorides</i>	♂ ad.	do	do	230	323	102	107	15	26	25
	8034	<i>Harporhynchus crissalis</i>	♀ juv.	do	do	—	—	—	—	—	—	—
	8035	<i>Amphispiza bilineata</i>	♂ ad.	do	do	148	222	70	69	11.5	20.5	17.5
127142	8036	<i>Mimus polyglottos</i>	♂ ad.	June 7, 1892	do	253	357	113	121	17	33	28
	8037	<i>Trochilus alexandri</i>	♀ ad.	do	do	102	118	49	31	21	—	—
	8038	<i>Chordeiles acutipennis texensis</i>	♀ ad.	June 8, 1892	do	220	540	185	110	6	16	20
	8039	"	♂ ad.	do	do	225	about 530	194	115	7	17	20
127243	8040	<i>Geococcyx californianus</i>	♂ juv.	June 9, 1892	do	—	—	—	—	—	—	—
127273	8041	<i>Buteo borealis calurus</i>	♂ juv.	do	do	—	—	—	—	—	—	—
127175	8042	<i>Amphispiza bilineata</i>	♀ ad.	do	do	145	218	69	68	11	19	17
127172	8043	<i>Carpodacus mexicanus frontalis</i>	♂ ad.	June 12, 1892	do	150	240	79	63	10.5	18	20
127246	8044	<i>Speotyto cunicularia hypogaea</i>	♂ ad.	June 13, 1892	do	227	613	178	86	—	45	27
127266	8045	<i>Corvus cryptoleucus</i>	♀ ad.	June 14, 1892	White Water, Chihuahua, Mexico	502	1060	357	211	50	63	53



Museum No.	Collector's No.	Name	Sex Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
	8046	Otocoris	♂ ad.	June 16, 1892	White Water, Chihuahua, Mexico	181	323	105	76	13.5	23	17.5
127213	8047	"	♀ ad.	do	do	170	305	101	69	12.	21	16.
	8048	"	♂ ad.	do	do	170	318	105	69	11.	21	16.
	8049	"	♀ juv.	do	do	—	—	—	—	—	—	—
127267	8050	Corvus cryptoleucus	♀ ad.	June 17, 1892	do	510	1050	350	265	50	60	51
127216	8051	Tyrannus verticalis	♂ ad.	do	do	230	414	134	104	18	18	20.5
127218	8052	Tyrannus vociferans	♀ ad.	do	do	227	398	128	94	20.5	19	22
127272	8053	Buteo borealis calurus	♂ ad.	do	do	530	1315	407	232	23.	88	61
127275	8054	" " "	♀ juv.	do	do	—	—	—	—	—	—	—
127274	8055	" " "	♂ juv.	do	do	—	—	—	—	—	—	—
127244	8056	Geococcyx californianus	♂ juv.	do	do	230	585	200	115	4.4	15	21
	8057	Chordeiles virginianus henryi	♀ ad.	do	do	223	326	99	100	16	26	25
127161	8058	Lanius ludovicianus excubitorides	♀ ad.	do	do	290	400	130	137	26.5	38	29
127203	8059	Aphelocoma woodhousei	♀ ad.	do	(E. base S. Luis Mts.) do	286	402	125	102	13.	35.5	34.5
127255	8060	Callipepla squamata	♂ ad.	do	do	—	—	—	—	—	—	—
	8061	Parus wollweberi	♂ juv.	do	do	211	295	94	102	15.5	24.4	25
	8062	Pipilo fuscus mesoleucus	♀ ad.	do	do	154	259	83	66	11.8	13.	11.5
127224	8063	Contopus richardsonii	♀ ad.	do	do	238	590	203	118	6.	15.	20.5
	8064	Chordeiles	ad.	June 20, 1892	do	—	—	—	—	—	—	—
127245	8065	Speotyto cunicularia hypogaea	♂ ad.	June 22, 1892	{ East side San Luis Mountains, Chihuahua, Mexico.	240	615	180	80	13	44	28
127263	8066	Cyrtonyx montezumae	♂ ad.	do	do	235	440	130	69	15	30	38
127271	8067	Buteo borealis calurus	? juv.	do	do	—	—	—	—	—	—	—
127183	8068	Zamelodia melanocephala	♂ ad.	June 23, 1892	do	222	325	110	90	20	26	23
127241	8069	Trogon ambiguus	♀ ad.	do	do	215	410	135	202	17	16	19
	8070	Columba fasciata	♂ ad.	do	do	384	638	214	159	17	29	41
127237	8071	Colaptes cafer	♀ ad.	do	do	308	507	160	108	39	29	33
127164	8072	Piranga hepatica	♂ ad.	do	do	214	330	108	85	19.5	23.5	23
	8073	Psaltiriparus	♀ ad.	do	do	113	153	49	60	7	16	11.5
127174	8074	Spinus psaltria	♂ ad.	do	do	118	205	66	48	9	14	14.5
127154	8075	Parus wollweberi	♀ ad.	do	do	124	195	62	58	9	17.5	15.
127184	8076	Zamelodia melanocephala	♂ ad.	do	do	212	325	108	88	20	24	24
127217	8077	Tyrannus vociferans	♀ ad.	do	do	229	392	128	97	19	20.5	21



June, 1892.

Museum No.	Collector's No.	Name	Sex and Age	Date
127264	8078	<i>Cyrtonyx montezumae mearnsi</i>	♀ ad.	June 24 <sup>th</sup> , 1892.
127290	8079	<i>Columba fasciata</i>	♀ ad.	24
127289	8080	"	♂ ad.	24
127167	8081	<i>Piranga hepatica</i>	♂ ad.	24
127165	8082	"	♂ ad.	24
127152	8083	<i>Shryothorus b. bairdi</i>	♂ juv.	24
127153	8084	"	♂ juv.	24
127197	8085	<i>Icterus parisorum</i>	♂ im.	24
127186	8086	<i>Habia melanocephala</i>	♂ ad.	24
127190	8087	"	♀ ad.	24
	8088	<i>Delasphorus platycircus?</i>	♂ ad.	24
127149	8089	<i>Poliophtila caerulea</i>	♀ ad.	24
127181	8090	<i>Pipilo chlorurus</i>	♀ ad.	24
127168	8091	<i>Piranga hepatica</i>	♂ ad.	24
127170	8092	"	♀ ad.	24
127270	8093	<i>Buteo borealis calurus</i>	♀ ad.	24
127251	8094	<i>Accipiter cooperi</i>	♂ ad.	24
127236	8095	<i>Colaptes cafer</i>	♂ ad.	June 25, 1892
127191	8096	<i>Molothrus ater obscurus</i>	♂ ad.	25
127187	8097	<i>Habia melanocephala</i>	♀ ad.	25
127262	8098	<i>Cyrtonyx montezumae mearnsi</i>	♂ ad.	25
	8099	<i>Coligena clemenciae?</i>	♂ ad.	25
127235	8100	<i>Melanerpes f. aculeatus</i>	♂ ad.	25
127234	8101	"	♂ ad.	25
127233	8102	"	♀ ad.	25
127228	8103	<i>Dryobates arizonae</i>	♂ juv.	25
127144	8104	<i>Mimus polyglottos</i>	♂ ad.	25
127145	8105	"	♀ ad.	25
127178	8106	<i>Pipilo maculatus megalonyx</i>	♀ ad.	25
	8107	<i>Chordeiles</i>	♂ ad.	25
127166	8108	<i>Piranga hepatica</i>	♂ ad.	June 26, 1892.
127169	8109	"	♀ ad.	do.
177198				

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	M.
San Francisco Water Canyon, Cal. Side of San Luis Mountains, Mexico. (about 5 miles south of the U.S. Line).	229	420	128	64	14	27	37
do	365	600	203	142	19	26	38
do	383	640	223	157	19	29	44
do	227	343	108	75	20	25	24
do	218	335	106	89	19	23	22
Not Measured.							
do.							
do	213	320	104	91	22	24	24
do	206	319	102	80	19	23	23
do	205	320	102	87	20	25	24.5
do	102	124	50	35	19		25.4
do	119	163	51	56	10	17	—
do	184	248	78	87	14.5	23.5	23.5
do	210	326	102	88	18.5	22	22.5
do	210	320	103	86	19	22.5	22
do	555	1370	425	237	30	90	68
do	412	770	239	203	15	62	47
do	310	500	163	122	37	28	31
do	182	311	102	74	16	23.5	23
do	203	313	100	83	20	23	23.5
do	227	420	126	67	15	31	37
do	135	185	74	50	23	6	9
do	225	430	135	79	23	21	25
do	230	440	143	80	25	21.5	25
do	224	435	140	77	24	20.5	24
Not measured; first plumage.							
do	260	355	112	128	19	32.5	27.5
do	260	367	106	125	17	33	28
do	222	268	82	110	14	26	25.5
do	231	567	196	113	5	15	19
do	209	326	109	88	20.5	22.5	23
do	216	326	101	93	21	25	24



Museum No. Collector's No.

			Name	Sex and Age	Date
127225	8110		<i>Dryobates arizonae</i>	♂ ad.	June 26, 1892.
	8111		<i>Geothlypis clemenciae</i>	♀ ad.	do.
127173	8112		<i>Spinus psaltria arizonae</i>	♂ ad.	do.
127226	8113		<i>Dryobates arizonae</i>	♀ ad.	do.
127250	8114		<i>Accipiter velox</i>	♂ ad.	do.
	8115		<del><i>Eugenes fulgens</i></del> <i>Geothlypis clemenciae</i>	♀ ad.	do.
127198	8116		<i>Icterus parisorum</i>	♀ ad.	do.
127185	8117		<i>Habia melanocephala</i>	♂ im.	do.
127227	8118		<i>Dryobates arizonae</i>	♂ juv.	do.
127248	8119		<i>Speotyto cunicularia hypogaea</i>	♂ ad.	do.
127192	8120		<i>Sturnella magna mexicana</i>	♂ ad.	June 29, 1892.
127268	8121		<i>Bubo virginianus subarcticus</i>	♀ ad.	June 30, 1892.
	8122		<i>Piranga rubra cooperi</i>	♂ ad.	July 1, 1892.
127276	8123		<i>Buteo abbreviatus</i>	♂ ad.	July 4, 1892.
127278	8124		<i>Urubitinga</i>	? ♂ juv.	July 3, 1892.
	8125		<i>Contopus richardsonii</i>	♂ ad.	do.
	8126		<i>Piranga rubra cooperi</i>	♂ ad.	July 4, 1892.
127212	8127		<i>Aphelocoma sieberii arizonae</i>	♂ im.	do.
	8128		<i>Piranga rubra cooperi</i>	♂ ad.	July 3, 1892.
	8129		" " "	♂ ad.	do.
	8130		<i>Dryobates arizonae</i>	? juv.	do.
	8131		<i>Myiodynastes luteiventris</i>	♀ ad.	do.
	8132		<i>Myiarchus mexicanus magister</i>	♀ ad.	do.
127219	8133		" " "	♂ ad.	do.
	8134		<i>Myiarchus cinerascens</i>	♀ ad.	do.
	8135		" " "	♂ ad.	do.
	8136		" " "	♂ ad.	do.
	8137		<i>Myiarchus laurenci olivaceus</i>	♂ ad.	do.
	8138		" " "	♂ ad.	do.
	8139		<i>Tyrannus vociferans</i>	♂ ad.	do.
	8140		<i>Dendroica aestiva sonorana</i>	? juv.	do.
	8141		" " "	♂ ad.	do.

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Francisco Water Canyon, East side of San Luis Mountains, Mex. (about 5 miles from the U. S. Line).	213	380	120	80	26	20	22.5
do.	131	175	69	45	25	6	9
do.	116	307	65	46	10.4	11.5	14
do.	196	370	114	72	24	19	31
do.	305	610	193	154	15	51	39
do.	138	170	70	41	30	5	9
do.	Not measured.						
do.	209	320	104	85	20	22	24
do.	Not measured.						
White Water, Lehihauchau, Mex.	228	630	183	89	16	48	29
Mexican Boundary Line near San Luis Spring, New Mexico.	246	393	118	73	33	40	36
do.	560	1400	393	242	31	62	79
Bajon Bonito, Mexico.	212	325	104	85	20	24	21
do.	493	1280	398	219	22	72	61
do.	535	1325	367	233	26	90	62
do.	163	271	92	72	14	13.5	13.5
do.	204	322	105	85	19	19.5	20.5
do.	Not measured.						
do.	207	307	100	85	19.5	19	20.5
do.	213	329	104	86	19	20.5	22
do.	Not measured.						
do.	230	376	117	90	22	20	21
do.	245	356	110	102	23	25	23
do.	254	367	115	110	22	23.5	24.5
do.	212	310	95	91	19	22	18
do.	221	325	101	98	19	22	18
do.	218	324	101	99	20	22.5	18
do.	189	270	84	82	18.7	19	16.5
do.	185	270	83	81	18.5	19	16
do.	232	403	128	96	21.5	20	22.5
do.	Not measured.						
do.	133	203	65	51	11	19	15



12 8142

No.	Specimen No.	Species	Sex	Date
12	8142	<i>Petrochelidon lunifrons</i>	♂ ad.	July 3, 1892.
	127222 8143	<i>Sayornis nigricans</i>	♀ juv.	do
	8944	" "	♂ juv.	do
	8145	<i>Icteria virens longicauda</i>	♀ ad.	do
	127281 8146	<i>Meleagris gallopavo mexicana</i>	♂ ad.	July 2, 1892.
	127284 8147	" "	♀ ad.	do
	127283 8148	" "	♀ ad.	do
	127282 8149	" "	♀ ad.	do
	8150	<i>Myiarchus lawrencei olivaceus</i>	♀ ad.	do
	127252 8151	<i>Callipepla gambeli</i>	♂ ad.	July 2, 1892.
	127254 8152	" "	♀ ad.	do
	127253 8153	" "	♀ ad.	July 3, 1892.
	127240 8154	<i>Antrostomus vociferus macromystax</i>	♀ ad.	July 5, 1892.
	127295 8155	<i>Columba fasciata</i>	♂ ad.	do.
	8156	<i>Cyanocitta stelleri macrolopha</i>	♂ ad.	do
	8157	<i>Vireo solitarius plumbeus</i>	? juv.	do.
12	8158	<i>Certhia americana albescens</i>	—	do
	8159	<i>Dendroica nigrescens</i>	—	do
	8160	<i>Setophaga picta</i>	ad.	do
	8161	" "	juv.	do
	8162	<i>Sialia mexicana bairdi</i>	♂ juv.	do
	8163	<i>Myiarchus cinerascens</i>	♂ juv.	do
	128047 8164	<i>Callipepla gambeli</i>	♂ ad.	July 7, 1892.
	127277 8165	<i>Urubitinga anthracina</i>	♂ ad.	do
	8166	<i>Aphelocoma sieberii arizonae</i>	♀ ad.	do
	127208 8167	" "	♂ juv.	do
12	127210 8168	" "	♂ juv.	do
	8169	<i>Melanerpes f. aculeatus</i>	♀ ad.	do
	8170	<i>Pyrocephalus r. mexicanus</i>	♂ ad.	do
	8171	" "	♀ ad.	do
	127242 8172	<i>Geococcyx californianus</i>	♂ ad.	do
	127211 8173	<i>Aphelocoma sieberii arizonae</i>	♀ ad.	

[illegible]



[illegible]



No.	Museum No.	Collector	Name	Sex and age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
12	127285	8206	<i>Meleagris gallopavo mexicana</i>	♂ ad.	July 21, 1892.	San Luis Mts., near Cajon Cr.	1200	1630	510	430	32	160	114
	127286	8207	" "	♂ ad.	do	do	1200	1730	525	430	38	170	118
	127287	8208	" "	♂ ad.	do	do	1190	1710	520	440	37	160	116
		8209	" "	♂ ad.	do	do	1210	1720	525	450	39	170	120
	127163	8210	<i>Sachycineta thalassina</i>	♂ ad.	July 23, 1892	"Cajon Bonito" Creek, Chihauhan.	Not measured.						
		8211	<i>Coeligena clemenciae</i>	♂ ad.	July 11, 1892	West side of San Luis Mountains	137	192	80	50	24	5	9
	127280	8212	<i>Meleagris gallopavo mexicana</i>	♀ ad.	do	do	1000	1440	440	370	22	129	95
		8213	<i>Coeligena clemenciae</i>	♂ ad.	July 12, 1892.	do	130	190	79	45	23	5	9
		8214	<i>Setophaga picta</i>	♂ ad.	do	do	136	210	75	69	9.5	17	16
	127205	8215	<i>Apelocoma siiberii arizonae</i>	♀	do	do	320	480	159	145	29	39	32
		8216	Dove	♂ ad.	do	do	317	475	162	156	13	22.5	26.5
	128048	8217	<i>Callipepla gambeli</i>	♂ ad.	do	do	278	368	119	112	11	30	34
	127179	8218	<i>Pipilo maculatus megalonyx</i>	♂ ad.	do	do	217	285	92	114	14	27	27
	127249	8219	<i>Falco sparverius deserticolus</i>	♀ juv.	do	do	Not measured.						
		8220	<i>Chondestes grammacus strigatus</i>	♂ ad.	do	do	178	288	94	77	14	21	20
		8221	<i>Thryothorus b. bairdi</i>	♀ ad.	do	do	140	182	59	60	14	17.5	16
		8222	<i>Coeligena clemenciae</i>	♀ ad.	do	do	134	181	73	45	24	6	8
	127151	8223	<i>Catherpes mex. conspersus</i>	?	June 25, 1892.	E. side San Luis Mountains.	Not measured.						
		8224	<i>Antrostomus v. macromystax</i>	♂ ad.	July 12, 1892.	West side San Luis Mountains.	260	480	165	131	8	17	22
		8225	<i>Dendroica nigrescens</i>	♂ juv.	do	do	Not measured.						
		8226	" "	♀ ad.	do	do	128	192	63	54	10	17	13.5
		8227	<i>Setophaga picta</i>	♀ juv.	do	do	—	—	—	—	—	—	—
		8228	<i>Trochilus alexandri</i>	♀ ad.	do	do	105	123	50	31	21	—	—
		8229	<i>Piranga hepatica</i>	♀ ad.	July 13, 1892	do	210	312	102	85	18	24	23
		8230	" "	♂ ad.	do	do	218	328	105	91	19	24	23
		8231	<i>Antrostomus v. macromystax</i>	♀ ad.	do	do	245	477	172	125	8	16	21
		8232	<i>Myiarchus lawrencei olivaceus</i>	♀ ad.	do	do	180	250	80	78	16	18.5	13
		8233	<i>Certhia americana albescens</i>	♀ -	do	do	135	183	61	67	12	15	14
		8234	<i>Scops asio trichopsis</i> ?	♀ ad.	do	do	198	505	160	81	11	23	27
		8235	" "	♂ ad.	do	do	200	515	160	80	13	23	28
		8236	" "	♂ juv.	do	do	—	—	—	—	—	—	—
		8237	" "	♂ juv.	do	do	—	—	—	—	—	—	—



	Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
127269	8238		<i>Accipiter cooperi</i>	? juv.	July 13, 1892.	West side of San Luis Mts.	Not measured.						
127189	8239		<i>Habia melanocephala</i>	♀ ad.	July 14, 1893.	do.	205	325	105	88	20.5	27	25
	8240		<i>Spinus psaltria arizonae?</i>	♀ ad.	do	do	112	175	62	44	9	14	14
127279	8241		<i>Melagris gallopavo mexicana</i>	♂ ad.	July 15, 1892.	do	1225	1990	540	410	31	169	111
127207	8242		<i>Aphelocoma sieberii arizonae</i>	♀ ad.	do	do	324	505	165	155	29	38	32
	8243		<i>Myiarchus lawrencei olivaceus</i>	♂ ad.	July 17, 1892.	do	180	263	82	85	19	18	15
	8244		<i>Dendroica nigrescens</i>	" ♂ ad."	do	do	123	190	62	55	9	18	13
127156	8245		<i>Certhia americana albescens</i>	♀ juv.	do	do	Not measured.						
127152	8246		<i>Sitophaga picta</i>	♂ juv.	do	do	do						
127232	8247		<i>Melanerpes formicivorus</i>	♀ ad.	July 18, 1892.	do	229	435	145	82	25	21.5	21.5
127204	8248		<i>Aphelocoma sieberii arizonae</i>	♂ ad.	do	do	335	530	175	156	35	45	35
127292	8249		<i>Columba fasciata</i>	♀ ad.	do	do	365	630	205	142	18	25.5	37
127209	8250		<i>Aphelocoma sieberii arizonae</i>	♂ juv.	July 19, 1892	do	Not measured.						
127294	8251		<i>Columba fasciata</i>	♀ ad.	do	do	370	640	212	152	16	27	37
	8252		<i>Stellula calliope</i>	♂ juv.	July 20, 1892.	do	95	111	47	28	19	—	—
127291	8253		<i>Columba fasciata</i>	♀ ad.	do	do	375	620	215	149	16	26	39
127293	8254		" "	♀ ad.	do	do	368	640	210	146	17	27	39.5
127206	8255		<i>Aphelocoma sieberii arizonae</i>	♀ ad.	do	do	330	495	165	151	27	43	35
127177	8256		<i>Pencate ruficeps boucardi</i>	♂ ad.	do	do	164	210	67	78	12	23	19
	8257		<i>Eugenius fulgens</i>	♀ ad.	July 23, 1892.	do	140	173	72	43	30	7	10
	8258		<i>Piranga rubra cooperi</i>	♂ ad.	July 28, 1892.	Big Spring, Guadalupe Cañon, N.M.	210	320	103	85	20.5	20	21
	8259		<i>Pyrocephalus r. mexicanus</i>	♂ ad.	do.	do	155	263	82	62	12.3	16	15
	8260		<i>Phainopepla nitens</i>	♀ juv.	do	do	—	—	—	—	—	—	—
	8261		<i>Pipilo fuscus mesoleucus</i>	♀ juv.	do	Guadalupe Cañon, Sonora.	—	—	—	—	—	—	—
	8262		<i>Callipepla gambelii</i>	♂ ad.	do	" " , Arizona	273	373	116	100	11	32.5	36
	8263		" "	- juv.	do	" " "	—	—	—	—	—	—	—
	8264		" "	- juv.	do	" " "	—	—	—	—	—	—	—
	8265		<i>Fulica americana</i>	♀ ad.	July 30, 1892.	San Bernardino Ranch, Arizona.	360	612	177	60	33	52	75
	8266		" "	♀ ad.	do	do	365	635	185	61	33	52	76
	8267		<i>Bubo virginianus subarcticus</i>	♂ ad.	July 31, 1892.	do	Not measured.						
	8268		<i>Buteo swainsoni</i>	♂ juv.	do	do	do						
	8269		<i>Phalaropus tricolor</i>	♀	do	do	do						



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alarexpanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

12	127288	8270	Melanerpes uropygialis	♀ ad.	July 31, 1892.	San Bernardino Ranch, Arizona.	Not measured.						
		8271	Dryobates scalaris bairdi	♂ ad.	do	do			do				
	12716	8272	Nycticorax nycticorax naevius	♀ ad.	do	do			do				
		8273	" " "	♀ juv.	do	do			do				
		8274	Actitis macularia	♂ juv.	do	do			do				
		8275	Poliophtila melanura (crown bl.)	♂ ad.	do	do	116	156	48	57	9.5	17	12.7
		8276	" " (crown plain)	♀ ad.	do	do	116	147	46	55	9	17	12.5
		8277	Callipepla squamata	♂ ad.	Aug. 1, 1892.	do	270	390	121	93	13	31	35
		8278	Stelgidopteryx serripennis	(♂?) ad.	do	do	135	297	104	52	7	11	16
		8279	Tachycineta bicolor	♂ ad.	Aug. 2, 1892	do	145	330	130	64	6	12	15
		8280	Totanus flavipes	♀ im.	do	do	269	500	164	68	38	51	35
		8281	" "	♀ ad.	do	do	270	520	169	68	38	55	37
		8282	Anas americana	♀ ad.	do	do	345	about 745	235	97	X	36	50
		8283	Parabuteo unicinctus harrisi	♀ ad.	Aug. 3, 1892.	do	580	1250	375	275	28.5	93	70
		8284	Sturnella magna mexicana	♂ ad.	do	do	259	405	125	75	33	41	37
		8285	Dendroica aestiva sonora	♂ juv.	do	do	—	—	—	—	—	—	—
		8286	Calamospiza melanocorys	♂ ad.	do	do	182	292	91	74	15	23.5	23
		8287	Chondestes gr. strigatus	♂ ad.	do	do	173	283	90	72	12	20	20.5
		8288	Phalaropus tricolor	♂ ad.	do	do	223	411	125	54	31	35	30.5
		8289	" "	♀ ad.	do	do	241	436	136	58	34	36	31
		8290	" "	♂ ad.	do	do	221	400	128	<del>28.5</del> 54	30.5	30.5	29
		8291	" "	♂	do	do	220	403	125	<del>27</del> 55	29	33	28.5
		8292	Tringa minutilla	♀ ad.	do	do	152	289	86	39	19	20.5	20.5
		8293	Tringa bairdii	?	do	do	193	391	132	53	23	23	22
		8294	" "	?	do	do	188	386	125	54	21	24	22
		8295	" "	♀	do	do	191	384	125	54	24	23	21.5
		8296	" "	♀ ad.	do	do	196	395	130	56	25.5	24.5	22
		8297	" "	♂ ad.	do	do	193	399	132	58	24	24	22
		8298	Pyrocephalus r. mexicanus	♂ juv.	do	do	Not measured.						
		8299	Sturnella magna mexicana	♂ ad.	Aug. 4, 1892.	do	244	397	119	72	31	40	35
		8300	" " "	♀ ad.	do	do	229	370	112	70	30	37	34
		8301	Falco sparverius deserticolus	♀ ad.	do	do	251	550	181	125	12.5	35	33



Museum No	Collector's No	Name	Sex and Age	Date
8302		<i>Chondestes gr. strigatus</i>	♂ ad.	August 4, 1892
8303		" "	♂ ad.	do
8304		" "	♂ ad.	do
8305		<i>Dendroica aestiva sonora</i>	♀ ad.	do
8306		<i>Passerina amoena</i>	♀ ad.	do
8307		<i>Sayornis saya</i>	♂ juv.	Aug. 6, 1892.
8308		<i>Peucaea cassinii</i>	♂ ad.	do
8309		<i>Tantatus loculator</i>	(♂?) ad.	do
8310		<i>Passerina amoena</i>	♂ ad.	Aug. 9, 1892.
8311		" "	♂ ad.	do
8312		<i>Porzana carolina</i>	♂ juv.	Aug. 12, 1892.
8313		" "	♀ ad.	do
8314		<i>Hydrochelidon nigra surinamensis</i>	♂ ad.	do
8315		<i>Symphemia s. inornata</i>	(♂?) ad.	Aug. 13, 1892.
8316		<i>Sotanus solitarius</i>	♂ ad.	do
8317		" "	?	do
8318		<i>Melospiza fasciata fallax</i>	♂ juv.	do
8319		<i>Geothlypis tr. occidentalis</i>	(♂?) juv.	do
8320		<i>Amphispiza bilineata</i>	♀ ad.	do
8321		<i>Passerina amoena</i>	♀	do
8322		<i>Anas cyanoptera</i>	♀ ad.	do
8323		<i>Phalaropus tricolor</i>	♂	do
8324		" "	♂	do
8325		" "	♂	do
8326		" "	♂	do
8327		<i>Tyrannus verticalis</i>	? juv.	do
8328		<i>Sayornis nigricans</i>	♀ juv.	do
8329		<i>Callipepla gambeli</i>	♂ juv.	do
8330		<i>Nycticorax n. naevius</i>	♂ juv.	do
8331		<i>Sturnella</i>	♂ juv.	Aug. 14, 1892.
8332		"	♂ ad.	do
8333		<i>Calamospiza melanocorys</i>	♂ ad.	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Bernardino Ranch, Ariz	173	287	92	74	13.5	21.5	21
do	176	284	91	73	13.5	21.2	21.2
do	177	293	93	77	13	21.2	21.6
do	126	194	62	48	9.6	18.5	15
do	143	224	78	60	10	16.5	18
do	Not measured.						
do	154	208	67	70	12	20	19
do	915	1750	485	180	21.5	202	125
do	146	230	74	61	10	15	17.5
do	146	331	72	62	11	17	18
do	Not measured.						
do	113	347	104	52	22	32	41.5
do	264	620	216	87	28	17	34
do	396	730	219	90	61	68	41
do	226	430	140	60	31	33	29
do	220	424	135	58	28.5	32	29
do	Not measured.						
do	do.						
do	146	206	63	65	11	18	18
do	146	226	71	58	9.8	18	18
do	410	650	195	80	46	33	45
do	219	395	124	52	30	32	28
do	219	397	125	53	31	33.5	29
do	225	400	124	51	31.5	34	29
do	226	405	128	56	31	33	29
do	Not measured.						
do	do						
do	do						
do Arizona	do						
do	do						
do	do						
do	240	410	128	75	33	42	36
do	179	285	88	71	14	25	24



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alarexpanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

8334	<i>Plucæia cassini</i>	♂ ad.	Aug. 14, 1892.	San Bernardino Ranch, Ariz.	160	215	66	68	13	20	18.5
8335	<i>Passerina amoëna</i>	♂ ad.	do	do	149	235	75	62	9.8	17	18.5
8336	" "	♂ ad.	do	do	146	235	73	59	11	17	18.5
8337	<del>Borealis</del> <i>Buteo borealis calurus</i>	♀ ad.	Aug. 15, 1892	do	550	1280	420	235	27	87	64
8338	<i>Chordeiles a. texensis</i>	♂ juv.	do	do	—	—	—	—	—	—	—
8339	<i>Melanerpes uropygialis</i>	♀ ad.?	do	do	—	—	—	—	—	—	—
8340	<i>Leontopus borealis</i>	♀ ad.	do	do	194	329	109	78	17	15	17
8341	<i>Agialitis vocifera</i>	♂ ad.	do	do	263	526	172	103	18	37	25
130620 8342	<i>Tringa bairdii</i>	♂	do	do	193	383	127	58	22	22.5	22
130619 8343	" "	♂	do	do	186	383	127	52	22	23	21.2
130621 8344	" "	♀	do	do	196	394	129	57	24.7	24	22.5
130640 8345	<i>Tringa minutilla</i>	♂ ad.	do	do	156	294	93	45	18	20	20
130634 8346	" "	♀ ad.	do	do	158	302	94	45	20	20	20.5
130635 8347	" "	♀ ad.	do	do	150	287	91	43.5	19	19	19.2
130625 8348	<i>Actitis macularia</i>	♀ juv.	do	do	Not measured.						
130623 8349	<i>Totanus solitarius</i>	♀ ad.	do	do	236	448	147	65	31	34	30
130652 8350	<i>Phalaropus tricolor</i>	♂ ad.	do	do	220	395	122	51	30	33	29
130648 8351	" "	♂	do	do	223	410	128	57	33	33	29
130646 8352	" "	♀	do	do	240	437	138	59	35	35	30
130644 8353	" "	♂	do	do	219	392	124	53	30.5	33	28
130645 8354	" "	♀	do	do	224	409	128	53	32	33	30
8355	<i>Calamospiza melanocorys</i>	♂	Aug. 16, 1892.	do	Not measured.						
8356	<i>Calamospiza melanocorys</i>	♂	do	do	do						
8357	" "	♀	do	do	do						
130601 8358	<i>Totanus flavipes</i>	♀	Aug. 18, 1892.	do	265	503	162	70	36.5	53	22
130604 8359	" "	♂	do	do	261	494	159	69	33	48	33
130602 8360	" "	♀	do	do	265	520	167	64	36.5	52	33
130618 8361	<i>Totanus solitarius</i>	♂	do	do	222	425	138	59	31	34	28
130622 8362	" "	♂	do	do	230	446	143	60	31.5	35	30
130614 8363	" "	♂	do	do	233	436	142	64	31	35	30.5
8364	<i>Passerina amoëna</i>	♂ ad.	do	do	143	230	72	55	10.3	17	18
8365	" "	♀ ad.	do	do	142	223	71	57	11	16.5	17.5



Museum No.	Collector No.	Name	Sex and Age	Date
	8366	<i>Passerina amoena</i>	♀ juv.	Aug. 18, 1892.
	8367	<i>Xanthocephalus xanthocephalus</i>	♂ juv.	do
	8368	<i>Peucaea cassini</i>	♀ ad.	do
130633	8369	<i>Tringa monticola</i>	♀	do
130637	8370	" "	♂	do
130638	8371	" "	♀	do
130636	8372	" "	?	do
130639	8373	" "	♀	do
	8374	<i>Sturnella</i>	♂ ad.	do
	8375	<i>Spiza americana</i>	♀	do
130641	8376	<i>Phalaropus tricolor</i>	♂ ad.	do
	8377	<i>Pyrocephalus r. mexicanus</i>	? juv.	do
	8378	<del><i>Pyrocephalus r. mexicanus</i></del> <i>Chrysola n. n. n.</i>	♂ ad.	do
	8379	<i>Tachycineta thalassina</i>	? juv.	do
	8380	<i>Tyrannus verticalis</i>	♂ ad.	do
	8381	<i>Sylvania pusilla</i>	♂ ad.	do
	8382	<i>Geothlypis macgillivrayi</i>	♀	do
	8383	" "	♀	do
130609	8384	<i>Totanus flavipes</i>	♂ ad.	Aug. 19, 1892.
	8385	<i>Lanius ludov. excubitorides</i>	♀ ad.	do
130605	8386	<i>Totanus flavipes</i>	♂	do
130624	8387	<i>Actitis macularia</i>	♀ juv.	do
130647	8388	<i>Phalaropus tricolor</i>	♂	do
130643	8389	" "	♀	do
130642	8390	" "	♂	do
	8391	<i>Tachycineta bicolor</i>	? juv.	do
	8392	<i>Falco peregrinus anatum</i>	♀ juv.	do
	8393	<i>Accipiter cooperi</i>	♀ juv.	Aug. 20, 1892.
	8394	<i>Calamospiza melanocorys</i>	♂ ad.	do
	8395	" "	♀ ad.	do
	8396	<i>Anas discors?</i>	♀	Aug. 21, 1892.
130607	8397	<i>Totanus flavipes</i>	?	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Mid toe and claw
San Bernardino Ranch, Ariz.	Not measured.						
do	do						
do	154	208	61	68	12.5	20	19
do	156	296	95	46	18	18	18.3
do	153	292	92	43	18.5	19.5	21
do	155	297	93	45	19	20	18.7
do	157	295	92	45	18.5	19	20
do	154	297	91	41	18	19.5	21
do	243	400	124	75	34	38	33
do	161	257	78	56.5	13	22.5	24
do	222	406	127	55	30	33.5	27
do	Not measured.						
do	do						
do	do						
do	230	415	135	99	20	19	20.5
do	131	179	59	54	8.8	18.8	14
do	138	187	59	56	10.4	20.6	17
do	140	190	60	56	10	21	17
do	269	508	166	69	34	50	32.5
do	Molting; no tail; not measured.						
do	259	490	154	65	36	52	34
do	Not measured.						
do	218	398	123	53	29	31	28
do	237	437	137	56	32.5	34	29
do	228	410	127	56	32.3	33	30
do	Not measured.						
do	500	1113	358	305	23	55	74.5
do	470	845	260	247	18	68	60
do	177	293	91	73	14	25	22.5
do	175	295	89	71	15	27	23
do	415	640	190	84	45	32	43
do	273	508	162	70	39	56	34



Museum No.	Collector's No.	Name	Sex and Age	Date
130613	8398	<i>Totanus flavipes</i>	♀	Aug. 21, 1892
130606	8399	" "	♂ ad.	do
130610	8400	" "	♂	do
130603	8401	" "	♂	do
130611	8402	" "	♂	do
	<del>8402</del>			<del>do</del>
130608	8403	" "	♂	do
130612	8404	" "	♂	do
	8405	<i>Egialitis vocifera</i>	♀	do
	8406	<i>Egialitis vocifera</i>	♀	do
	8407	" "	♀	do
130617	8408	<i>Totanus solitarius</i>	♀	do
130655	8409	<i>Phalaropus tricolor</i>	♀	do
	8410	<i>Calamospiza melanocorys</i>	♂ ad.	do
	8411	" "	♂ (ad?)	do
	8412	" "	♀	do
	8413	<i>Passerina amoena</i>	♂ juv.	do
	8414	" "	♂ juv.	do
	8415	" "	♀ ad.	do
	8416	<i>Peucaea cassinii</i>	♂ ad.	do
	8417	<i>Spizella breweri</i>	♂ juv.	do
	8418	" "	♀ ad.	do
	8419	<i>Empidonax</i>	♀ ad.	do
	8420	" "	♂ juv.	do
	8421	" "	♀ juv.	do
	8422	<i>Dendroica aestiva sonorana</i>	♂ juv.	do
	8423	" " "	♂ juv.	do
	8424	" " "	♀ juv.	do
	8425	<i>Geothlypis macgillivrayi</i>	♀	do
	8426	<i>Auriparus flaviceps</i>	♂ juv.	do
	8427	<i>Sturnella m. mexicana</i>	♂ ad.	Aug. 23, 1892.
	8428	<i>Chordeiles a. texensis</i>	♀ juv.	do

Locality	Wing	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Bernardino Ranch, Arizona.	270	<sup>523</sup> <del>528</del>	163	67	36	52	34
do	265	<sup>508</sup> <del>508</del>	163	68	37.5	50	33
do	277	<sup>513</sup> <del>548</del>	165	68	36.5	55	35
do	269	<sup>513</sup> <del>496</del>	157	68	37	54	34
do	276	<sup>513</sup> <del>496</del>	164	70	38	55	34
	<del>270</del>						
do	270	<sup>509</sup> <del>517</del>	160	68	35	52	33
do	269	<sup>507</sup> <del>507</del>	162	70	36	50	33
do	260	526	173	103	20	36	25.5
do	257	520	172	107	19	35	24
do	266	525	170	107	19	38	27
do	230	442	143	62	32	33	28.5
do	240	442	135	60	35	34	29
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	140	223	69	56	10.7	16	18
do	155	214	67	69	13	19	18
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	146	217	67	58	12.4	16	15
do	—	—	—	—	—	—	—
do	—	—	—	—	—	—	—
do	132	199	63	51	11	20	16.5
do	130	195	63	50	10.5	19	15.5
do	—	—	—	—	—	—	—
do	134	181	57	53	10.7	20	16.5
do	—	—	—	—	—	—	—
do	220	335	110	66	29	41	34
do	—	—	—	—	—	—	—



Museum No.	Collector's No.	Name	Sex and Age	Date
8429		<i>Sturnella</i>	♂ ad.	Aug. 24, 1892.
8430		<i>Spizella breweri</i>	♂ juv.	do
8431		<i>Spiza americana</i>	♂ juv.	do
8432		<i>Passerina amoena</i>	♂ ad.	do
8433		<i>Geothlypis macgillivrayi</i>	♂ juv.	do
<del>8434</del>		<i>Sylvania pusilla</i>	♀	do
8435		<i>Dendroica aestiva sonorana</i>	? juv.	do
8436		<i>Chiraca caerulea euryncha</i>	♂ ad.	Aug. 26, 1892.
8437		" " "	♀ ad.	do
8438		<i>Passerina amoena</i>	? juv.	do
8439		<i>Tyrannus vociferans</i>	♂ juv.	do
8440		<i>Dendroica aestiva sonorana</i>	♀	do
8441		<i>Geothlypis trichas occidentalis</i>	♀	do
8442		<i>Ardea herodias</i>	♀ juv.	do
8443		<i>Sylvania pusilla</i>	♀	do
8444		<i>Chondestes grammacus</i>	♂ ad.	do
8445		<i>Geothlypis macgillivrayi</i>	♀	do
8446		<i>Callipepla squamata</i>	♀ ad.	Aug. 27, 1892.
8447		" "	♂ juv.	do
8448		<i>Spiza americana</i>	♂ juv.	do
8449		<i>Selasphorus?</i>	?	do
8450		do	♂ ad.	do
8451		<i>Himantopus mexicanus</i>	? juv.	do
8452		" "	♀ ad.	do
8453		<i>Creunetes occidentalis</i>	♀ ad.	do
8454		" "	♂	do
8455		<i>Phalaropus tricolor</i>	♂	do
8456		" "	♂	do
8457		" "	♀	do
8458		<i>Totanus flavipes</i>	♀	do
<del>8459</del>		" "	♀	do
8460		" "	♂	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Bernardino Ranch, Ariz.	245	405	122	78	32	40	36
do	138	195	65	67	9	18.5	16
do	168	260	84	64	14	25	24
do	142	227	77	58	10.5	18	18
do	133	195	63	41	11	22	19
do	126	174	60	53	10	19	14
do	Not measured.						
do	186	294	95	76	18	20	23
do	176	282	88	70	17	20.5	22
do	Not measured.						
do			do.				
do	127	192	60	45	10.5	19	15.3
do	132	182	55	53	7.5	20.5	19
do	Not measured.						
do	128	183	58	54	9	19	14
do	177	293	93	74	15	22	22
do	140	189	59	55	11	21	17.3
do	282	357	120	87	14.5	33	37
do	Not measured.						
do			do.				
do	85	110	44	27	14.5	—	—
do	95	120	47	31	17	—	—
do	357	693	225	83	57	103	43
do	374	708	233	85	63	113	44
do	165	305	97	46	24	23	20
do	164	305	97	45	24	23	19
do	227	441	128	60	30	33	30
do	217	395	125	54	31	33	29
do	231	416	132	60	34	33	29.5
do	270	519	165	70	34	55	34
do	277	515	162	64	38	54	36
do	263	507	164	68	33	54	33



Museum No.	Collector No.	Name	Sex and age	Date
	8462	<i>Petrochelidon lunifrons</i>	♀	Aug. 27, 1892.
	8463	<i>Spizella socialis arizonae</i>	♀ juv.	Aug. 28, 1892.
	8464	<i>Spizella breweri</i>	?	do
	8465	" "	?	do
	8466	<i>Geothlypis macgillivrayi</i>	♀	do
	8467	<i>Piranga ludoviciana</i>	♀	do
	8468	<i>Geothlypis tr. occidentalis</i>	♂	Aug. 29, 1892
	8469	<i>Xanthocephalus xanthocephalus</i>	♂ juv.	Aug. 28, 1892
	8470	" "	♂ juv.	do
	8471	" "	♀	do
	8472	<i>Phalaropus tricolor</i>	♂ ad.	Aug. 29, 1892
130656	8473	" "	? ad.	do
	8474	<i>Botaurus lentiginosus</i>	♂ ad.	Aug. 28, 1892
	8475	<i>Ardea virescens</i>	♀ juv.	Aug. 29, 1892.
	8476	<i>Anas cyanoptera?</i>	♀ ad.	do
	8477	<i>Sotamus flavipes</i>	♂ ad.	do
	8478	<i>Porzana carolina</i>	♂ juv.	do
	8479	<i>Sheldrakeia serripennis</i>	♂ juv.	do
130629	8480	<i>Creunetes occidentalis</i>	♀	do
130630	8481	" "	♂	do
	8482	" "	♂	do
130626	8483	" "	♂	do
130627	8484	" "	♂	do
	8485	" "	♀	do
130631	8486	" "	♀	do
130632	8487	" "	♀	do
	8488	" "	♀	do
127917	8489	" "	(♀?)	do
	8490	" "	♀	do
130628	8491	" "	♀	do
	8492	<i>Phalaropus tricolor</i>	♀	do
	8493	" "	♂	do

Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Bernardino Ranch, Ariz.	263	507	164	68	33	54	33
do Not measured	139	285	100	52	7.5	12.5	16
do ^	141	200	62	64	9.5	17.5	17
do							
do	135	182	57	54	11	20	16.5
do							
do	134	179	57	56	—	20	17
do	270	452	169	110	22	36	38
do	275	450	146	115	22	35.5	38
do							
do	219	398	124	50	29	33	29
do	218	392	123	52	32	34	28.5
do	685	1100	284	100	82	97	103
do	Young of the year.						
do	585	630	185	73	42	31	44
do	260	505	162	64	35	50	33
do							
do							
do	174	318	101	46	27	24	21
do	163	307	98	41	23	23.5	20
do	160	303	97	42	24	22.5	19
do	160	306	98	45	23.5	22	18.5
do	161	300	96	43	23	22.5	19
do	170	316	102	44	27	23	19.3
do	175	315	102	46	28	23.5	20
do	168	309	98	44	25	22	19.8
do	166	312	100	44	25.5	23	19.3
do	176	322	103	46	27	24	20
do	174	320	102	47	28	24	20.2
do	169	314	102	44	27	23	20
do	233	427	131	55	34	35	29
do	219	392	123	50	31	35	19



Museum No.	Collection	Name	Sex and Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	St. Be. middle toe and claw
8467a		<del>Xanthocephalus</del> <i>Xanthocephalus xanthocephalus</i>	♀	Aug. 28, 1892	San Bernardino Ranch, Arizona.	—	—	—	—	—	—	—
8468a		" "	♀	do	do	—	—	—	—	—	—	—
8494		<i>Crennetes pusillus</i>	♀	Aug. 29, 1892	do	148	283	90	41	18	19.5	19.5
8495		" "	♀	do	do	155	296	94	46	19	20	20
8496		" "	?	do	do	156	306	95	45	19	20.5	21
8497		" "	♂	do	do	148	283	90	41	18	19	19
8498		" "	(♀?)	do	do	154	287	91	46	19	19	19
8499		" "	♂	do	do	146	282	88	41	17.5	20	19.2
8500		" "	♂	do	do	150	292	92	44	19.8	19.3	20
8501		<i>Empidonax griseus?</i>	?	Aug. 30, 1892.	do	147	225	69	62	11.7	18.	13.5
8502		<i>Stellula calliope</i>	♂ juv.	do	do	96	119	47	27.5	19	—	—
8503		<i>Chondestes</i>	?	do	do	172	264	85	75	13	21	19
8504		<i>Guiraca caerulea euryncha</i>	♂ juv.	do	do	—	—	—	—	—	—	—
8505		<i>Passerina amoena</i>	♂ juv.	do	do	142	222	70	54	9.2	16.5	17.5
8506		<i>Geothlypis macgillivrayi</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8507		<i>Xanthocephalus xanthocephalus</i>	♀ ad.	do	do	222	378	122	93	20	33	32
8508		" "	♀ ad.	do	do	—	—	—	—	—	—	—
8509		<i>Spizella breweri</i>	♂	do	do	—	—	—	—	—	—	—
8510		<i>Amphispiza bilineata</i>	♂ juv.	do	do	—	—	—	—	—	—	—
8511		Hummingbird <i>Selasphorus</i> or <i>Stellula</i>	?	do	do	96	115	48	30	19	—	—
8512		<i>Sylvania pusilla</i>	♂ ad.	Aug. 31, 1892.	do	125	182	59	55	9.2	19	14
8513		" "	♂ ad.	do	do	—	—	—	—	—	—	—
8514		" "	♀ ad.	do	do	130	178	58	52	9.5	19	15
8515		" "	♀ ad.	do	do	128	179	56	50	9	18.5	14
8516		" "	♀ ad.	do	do	126	180	57	52.5	9	19.5	15
8517		<i>Geothlypis macgillivrayi</i>	♀	do	do	140	198	62	57	10.8	22	17
8518		<i>Setophaga ruticilla</i>	♂ juv.	do	do	140	197	64	58	8.5	17.5	14
8519		<i>Poliophtila melanura</i>	♀	do	do	118	158	49	53	9.5	17	11
8520		<i>Vireo gilvus</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8521		" "	♀ ad.	do	do	140	223	70	56	10	17.3	14
8522		<i>Petrochelidon lunifrons</i>	♂ juv.	do	do	—	—	—	—	—	—	—
8523		<i>Dryobates s. bairdi</i>	♂ ad.	do	do	191	247	108	70	23	18.5	22



Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8524		<i>Quiraca caerulea euryncha</i>	♀ ad.	Aug. 31, 1892.	San Bernardino Ranch, Ariz.	185	277	87	71	19	20.5	24
8525		<i>Empidonax difficilis</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8526		<i>Empidonax "pusillus"</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8527		<i>Ceryle alcyon</i>	♀ ad.	Sept. 1, 1892.	do	345	590	174	106	61	12	25
8528		"	♂	Sept. 2, 1892.	do	335	570	165	104	47	12	22.5
8529		<i>Anas carolinensis</i>	?	do	do	382	620	185	85	35	32	46
8530		"	♂ juv.	do	do	400	640	195	83	40	32	48
8531		<i>Ardea virescens</i>	♀	do	do	485	680	200	72	56	51	61
8532		<i>Plegadis guarauna</i>	♀ juv.	do	do	456	820	245	90	86	76	71
8533		<i>Symphemia semi. inornata</i>	♀ ad.	do	do	384	715	215	88	64	64	45
8534		<i>Nycticorax nycticorax naevius</i>	♀ juv.	Sept. 3, 1892.	do	600	1090	306	109	66	77	87
8535		<i>Buteo borealis calurus</i>	♀ ad.	do	do	Not measured.						
8536		<i>Strix pratensis</i>	♀ ad.	Sept. 4, 1892	do	385	1170	350	142	24	72	57
8537		<i>Sciurus noveboracensis notabilis</i>	♂	do	do	163	255	82	61	13.5	22	18
8538		"	♀	do	do	162	244	78	60	13.3	22	18.3
8539		"	♀	do	do	158	238	75	58	14	21.5	18
8540		"	♀	do	do	160	235	72	81	13	22	18.5
8541		<i>Vireo solitarius cassinii</i>	♂	do	do	140	230	73	54	11	20	16
8542		"	♂	do	do	143	229	74	56	11	20	16
8543		<i>Leontopis borealis</i>	♂ juv.	do	do	—	—	—	—	—	—	—
8544		<i>Piranga rubra cooperi</i>	♂ ad.	do	do	133	173	53	52	12	16	17
8545		<i>Troglodytes aedon</i>	♀	do	do	188	297	96	75	14	28	22.5
8546		<i>Turdus (Hylocichla)</i>	♀	do	do	195	256	80	90	15.5	26	23
8547		<i>Icteria virens longicauda</i>	?	do	do	195	256	80	90	15.5	26	23
8548		<i>Geothlypis trichas occidentalis</i>	♀ ad.	do	do	135	178	54	54	12	20.5	18
8549		<i>Ammodramus s. alaudinus</i>	♂	do	do	148	244	74	55	11	23	20.5
8550		"	?	do	do	146	242	74	57	9.6	20	20
8551		"	♂	do	do	147	236	73	56	11	21.5	20.7
8552		<i>Sylvania pusilla</i>	♂ ad.	do	do	131	176	70	55	9.5	19	14
8553		"	♂ ad.	do	do	132	191	60	60	9.5	19	14
8554		<i>Auriparus flaviceps</i>	♂	do	do	—	—	—	—	—	—	—
8555		<i>Passerina amoena</i>	♀	do	do	—	—	—	—	—	—	—



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8556		<i>Sayornis nigricans</i>	♀ juv.	Sept. 4, 1892.	San Bernardino Ranch, Arizona							
8557		<i>Xanthocephalus xanthocephalus</i>	♀ ad.	do	do							
8558		<i>Centurus uropygialis</i>	♂ ad.	do	do							
8559		"	♀	do	do							
8560		"	♀	do	do							
8561		<i>Totanus solitarius</i>	♀	do	do	233	440	142	62	34	35.5	30.5
8562		"	♀	do	do	224	437	140	61	29	32	29
8563		<i>Nycticorax n. naevius</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8564		<i>Accipiter cooperi</i>	♀ juv.	do	do	476	850	267	240	18.5	68	54
8565		<i>Corvus corax sinuatus</i>	♂ ad.	do	do	640	1260	438	150	70	72	66
8566		<i>Lafila acuta</i>	♂ juv.	do	do	590	905	275	128	52	45	63
8567		<i>Melospiza lincolni</i>	♀	Sept. 5, 1892	do	148	203	62	63	10.8	20	19
8568		<i>Helodytes brunneicapillus</i>	♀	do	do							
8569		<i>Piranga ludoviciana</i>	♀	do	do							
8570		<i>Xanthocephalus xanthocephalus</i>	♀	do	do							
8571		<i>Empidonax difficilis</i>	♀	do	do	142	206	64	60	11.5	16.5	14
8572		<i>Leontopus richardsonii</i>	?	do	do							
8573		<i>Vireo gilvus savainsonii</i>	?	do	do	133	225	70	56	9	18	14
8574		<i>Geothlypis macgillivrayi</i>	♀	do	do							
8575		<i>Sylvania pusilla</i>	♂ ad.	do	do							
8576		"	♂ ad.	do	do							
8577		"	♀	do	do							
8578		<i>Spizella breweri</i>	♀	Sept. 6, 1892.	do							
8579		<i>Pipilo fuscus mesoleucus</i>	♂ juv.	do	do							
8580		<i>Stellula calliope</i>	?	do	do							
8581		<i>Selasphorus rufus</i>	♂ juv.	do	do							
8582		"	♂ juv.	Sept. 7, 1892	do							
8583		<i>Stellula calliope</i>	?	do	do							
8584		"	?	do	do							
8585		<i>Trochilus alexandri</i>	♀	do	do							
8586		<i>Selasphorus?</i>	?	Sept. 8, 1892.	do	98 98	119	48	31	18	X	X
8587		<i>Geothlypis tr. occidentalis?</i>	♀	do	do	195	287	90	91	11	18	17



Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8588		<i>Chelidon erythrogaster</i>	♂ ad.	Sept. 8, 1892	San Bernardino Ranch, Arizona.	180	320	119	84	8.7	12	16.5
8589		<i>Harporhynchus crissalis</i>	ad.	Sept. 9, 1892.	do	—	—	—	—	—	—	—
8590		<i>Ardea herodias</i>		Sept. 1, 1892	Leapon Creek, Sonora	—	—	—	—	—	—	—
8591		<i>Circus hudsonius</i>	juv.	Sept. 5, 1892	San Bernardino Ranch, Arizona	—	—	—	—	—	—	—
8592		<i>Bubo virginianus subarcticus</i>	ad.	do	do	—	—	—	—	—	—	—
8593		<i>Nycticorax n. naevius</i>	♂ juv.	Sept. 11, 1892	do	—	—	—	—	—	—	—
8594		<i>Stellula calliope</i>	?	do	do	—	—	—	—	—	—	—
8595		<i>Pyrocephalus rub. mexicanus</i>	♂ ad.	Sept. 14, 1892.	Johnston's Ranch, (7 mi. S. of Bisbee) Arizona	—	—	—	—	—	—	—
8596		<i>Callipepla squamata</i>	? juv.	do	do	—	—	—	—	—	—	—
8597		"	? juv.	do	do	—	—	—	—	—	—	—
8598		<i>Zenaidura macroura</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8599		<i>Poocætes gramineus confinis</i>	♀	do	do	158	270	86	65	13	21	20
8600		"	♀	do	do	165	268	86	66	12	21	20.5
8601		<i>Sylvania pusilla</i>	♂ ad.	do	do	126	184	60	57	9	18.5	15
8602		<i>Salpinctes obsoletus</i>	♂ ad.	Sept. 15, 1892.	do	156	234	73	58	20	22	18.5
8603		<i>Pipilo chlorurus</i>	♀	do	do	—	—	—	—	—	—	—
8604		<i>Callipepla squamata</i>	ad.	do	do	—	—	—	—	—	—	—
8605		<i>Pyrocephalus r. mexicanus</i>		do	do	—	—	—	—	—	—	—
8606		<i>Salpinctes obsoletus</i>	♂	Sept. 14, 1892.	do	—	—	—	—	—	—	—
8607		<i>Lanius l. excubitorides</i>	♀	do	do	—	—	—	—	—	—	—
8608		<i>Icterus bullocki</i>	? juv.	do	do	—	—	—	—	—	—	—
8609		<i>Tyrannus vociferans</i>	♂ juv.	Sept. 15, 1892.	do	—	—	—	—	—	—	—
8610		<i>Poocætes gramineus confinis</i>	?	do	do	165	288	88	70	11.5	22.5	20
8611		<i>Oreoscoptes montanus</i>	♀	do	do	229	317	102	100	17	30.5	25.5
8612		"	♀	do	do	228	318	101	98	17	31	25
8613		<i>Vireo gilvus swainsonii</i>	♂	do	do	132	218	70	52	10	16.5	14
8614		"	?	do	do	134	214	68	51	10.5	18	14
8615		<i>Spizella breweri</i>	?	do	do	146	205	65	67	8.8	18.7	18
8616		<i>Helminthophila celata</i>	?	do	do	136	207	67	56	11	18	15.5
8617		<i>Chondestes gr. strigatus</i>	?	do	do	171	270	86	71	12.5	20	20.5
8618		<i>Pipilo chlorurus</i>	♂ juv.	do	do	195	260	80	90	13	25	24
8619		<i>Buteo borealis calurus</i>	♀ ad.	do	do	560	1360	418	234	28	90	65



Museum No.	Collector's No.	Name	Sex and age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8620		<i>Ardea virescens</i>	♀ juv.	Sept. 17, 1892.	Johnston's Ranch, (7 mi. S. of Bisbee) Ariz.	—	—	—	—	—	—
8621		<i>Geothlypis macgillivrayi</i>	♂ X.H.	do	do	143	202	64	60	20.5	17
8622		<i>Melospiza lincolni</i>	♂	do	do	156	217	68	66	20.5	19.5
8623		<i>Salpinctes obsoletus</i>	♂	do	do	149	218	69	54	20	18
8624		<i>Piranga ludoviciana</i>	♀	do	do	—	—	—	—	—	—
8625		<i>Sayornis saya</i>	♂	do	do	—	—	—	—	—	—
8626		<i>Piranga ludoviciana</i>	♂ juv.	Sept. 19, 1892.	do	189	295	98	76	21	19.5
8627		<i>Tachycineta thalassina</i>	♂ ad.	do	do	134	314	121	53	13	14
8628		<i>Cathartes aura</i>	? ad.	do	do	620	1590	505	267	61	82
8629		<i>Accipiter cooperi</i>	juv.	Sept. 20, 1892.	do	488	890	281	246	68	59
8630		<i>Ammodramus s. alaudinus</i>	♀ ad. 3. X. 36.	do	do	144	232	72	57	20	19
8631		<i>Guiraca cae. eurhyncha</i>	♂ juv.	do	do	—	—	—	—	—	—
8632		<i>Empidonax (griseus?)</i>	♂	do	do	—	—	—	—	—	—
8633		<i>Mimus polyglottos</i>	♂ juv.	Sept. 24, 1892.	do	—	—	—	—	—	—
8634		<i>Dendroica auduboni</i>	♂	do	do	—	—	—	—	—	—
8635		<i>Sayornis saya</i>	♂	Sept. 25, 1892.	do	195	330	110	85	23	19.5
8636		<i>Empidonax difficilis?</i>	?	do	do	—	—	—	—	—	—
8637		<i>Vireo gilvus swainsonii</i>	?	do	do	—	—	—	—	—	—
8638		<i>Amphispiza bilineata</i>	♂?	do	do	146	205	71	73	21	18
8639		<i>Melospiza lincolni</i>	?	do	do	150	210	68	58	23	20
8640		" "	♂ ad.	do	do	145	198	68	57	21	20
8641		<i>Stellula calliope</i>	♂ juv.	do	do	85	108	40	27	x	x
8642		<i>Setophaga picta</i>	? ad.	Sept. 26, 1892.	San Jose Mountains, Sonora.	148	215	71	72	15.5	16
8643		<i>Falco sparverius deserticolus</i>	♀ ad.	do	do	290	603	199	145	37	30
8644		<i>Aphelocoma sieberii arizonae</i>	♂ ad.	do	do	338	523	173	164	40	33
8645		" "	?	do	do	—	—	—	—	—	—
8646		" "	♂	do	do	—	—	—	—	—	—
8647		" "	♂?	do	do	—	—	—	—	—	—
8648		" "	♀	do	do	—	—	—	—	—	—
8649		<i>Ammodramus s. alaudinus</i>	♀	Sept. 28, 1892.	Johnston's Ranch, (7 mi. S. of Bisbee) Ariz.	144	225	73	55	21	21
8650		<i>Leistothorus p. paludicola</i>	♀	do	do	128	173	55	44	20.5	17
8651		<i>Geothlypis tr. occidentalis</i>	♂	do	do	141	183	71	60	22	21



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8652		<i>Zonotrichia intermedia</i>	♂ juv.	Sept. 28, 1892.	Johnston's Ranch, (1 mi. S. of Bisbee) Arizona	182	249	82	83	13	23.5	24
8653		<i>Spiza americana</i>	♀	do	do	161	250	79	63	14	23	22
8654		<i>Tyrannus vociferans</i>	♂ im.	do	do	Not measured.						
8655		<i>Melospiza lincolni</i>	♂	Oct. 2, 1892	San Jose Mountains, Sonora	148	197	65	61	12	20.5	20
8656		<i>Sylvania pusilla</i>	♂ ad.	do	do	119	172	57	47	9	18	13.5
8657		<i>Empidonax</i> (very yellow below)	♂ X.H.	do	do	150	224	70	63	12	17	14
8658		<i>Regulus calendula</i>	(♂?) ad.	do	do	119	179	63	50	9	22.5	13
8659		<i>Callipepla squamata</i>	♂ ad.	do	do	282	402	125	96	13	33	37
8660		" "	♂ ad.	do	do	280	390	120	100	13	34	37
8661		<i>Vireo gilvus swainsonii</i> ??	♂	do	do	135	213	68	53	14	16	13
8662		<i>Columba fasciata</i>	♂ juv.	do	do	330	604	203	117	19	27	39
8663		" "	♂ juv.	do	do	339	590	195	124	17	27	38
8664		<i>Cyanocitta s. macrolopha</i>	♂ ad.	Oct. 3, 1892.	do	415	—	155	144	27.5	44	32
8665		<i>Leontopus richardsonii</i>	? juv.	do	do	143	200	67	63	11	22	19
8666		<i>Phainopepla nitens</i>	? juv.	do	do	—	—	—	—	—	—	—
8667		<i>Empidonax</i> (very yellow)	♀	do	do	136	202	65	57	11	17	12
8668		<i>Empidonax</i>	?	do	do	—	—	—	—	—	—	—
8669		"	?	do	do	132	220	70	58	11	17	14
8670		"	♂ juv.	do	do	—	—	—	—	—	—	—
8671		<i>Setophaga picta</i>	(♂?)	do	do	139	206	71	66	10	18	15.5
8672		" "	♂	Oct. 4, 1892.	do	145	221	74	70	10	19	16
8673		" "	?	do	do	145	210	74	69	10	18	15
8674		<i>Spizella socialis arizonae</i>	♂	do	do	150	232	79	70	10	19	18
8675		<i>Sitta carolinensis aculeata</i>	?	do	do	—	—	—	—	—	—	—
8676		<i>Parus wollweberi</i>	♀ ad.	do	do	135	206	72	65	—	19	14.5
8677		" "	♀ juv.	do	do	—	—	—	—	—	—	—
8678		" "	♂ juv.	do	do	—	—	—	—	—	—	—
8679		<i>Aphelocoma woodhousei</i>	♀	do	do	214	360	125	110	11	23	21
8680		<i>Myadestes townsendii</i>	♂ ad.	Oct. 5, 1892.	do	214	360	125	110	11	23	21
8681		<i>Turdus aonalaschkae auduboni</i>	♂ ad.	do	do	193	325	102	86	14	33	24
8682		<i>Sylvania pusilla</i>	♂ ad.	do	do	126	169	57	55	9	20	15
8683		<i>Accipiter velox</i>	♂ juv.	do	do	—	—	—	—	—	—	—



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alarexpanse	Wing	Tail	Culmen	Tarsus	9 middle toe and claw
8684		<i>Aphelocoma sieberii arizonae</i>	♂	Oct. 6, 1892.	San José Mts., Sonora.	347	520	172	158	29	45	38
8685		" " "	♂ ad.	do	do	342	510	170	159	30	43	35
8686		<i>Turdus</i>	♀ juv.	do	do	Not measured.						
8687		<i>Junco cinereus palliatus</i>	♂ ad.	do	do	162	245	87	76	12	22	20
8688		<i>Spizella socialis arizonae</i> ?	? juv.	do	do	—	—	—	—	—	—	—
8689		<i>Troglodytes tædon aztecus</i>	? juv.	do	do	—	—	—	—	—	—	—
8690		<i>Empidonax</i> (very yellow)	♂ juv.	do	do	Bill all yellow below.						
8691		<i>Corvus corax sinuatus</i>	?	do	do	635	1272	440	260	72	69	64
8692		<i>Setophaga picta</i>	♂	do	do	144	210	70	68	10	18	17
8693		<i>Accipiter velox</i>	♀ juv.	do	do	355	648	210	198	12	55	47
8694		<i>Myadestes townsendii</i>	♂ ad.	Oct. 7, 1892.	do	207	345	125	110	11.5	22	22
8695		<i>Spizella socialis arizonae</i>	♂ ad.	do	do	—	—	—	—	—	—	—
8696		<i>Aphelocoma sieberii arizonae</i>	♀ ad.	do	do	335	520	176	159	29	46	35
8697		" " "	♀	do	do	340	505	165	148	29	45	38
8698		" " "	♀	do	do	344	514	169	154	30	45	37
8699		" " "	♂	do	do	335	515	167	154	29	42	36
8700		<i>Stellula calliope</i> ?	(♀?)	do	do	99	112	45	32	17	—	—
8701		<i>Aphelocoma sieberii arizonae</i>	♂	do	do	—	—	—	—	—	—	—
8702		<i>Aphelocoma woodhousei</i>	♂	do	do	310	405	186	147	26	42	33
8703		<i>Aphelocoma s. arizonae</i>	♀ ad.	do	do	—	—	—	—	—	—	—
8704		<i>Accipiter velox</i>	♂ juv.	Oct. 10, 1892	San Pedro River, Mex. B.D. Line.	—	—	—	—	—	—	—
8705		<i>Falco richardsonii</i>	♂ ad.	do	do	305	633	208	139	12.7	40	40
8706		<i>Buteo borealis calurus</i>	♀ ad.	do	do	600	1420	440	165	26	94	68
8707		<i>Zonotrichia intermedia</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8708		<i>Totanus solitarius</i>	♂ ad.	do	do	—	—	—	—	—	—	—
8709		<i>Geococcyx californianus</i>	♂ juv.	do	do	—	—	—	—	—	—	—
8710		<i>Empidonax</i> (very yellow)	♂	do	do	143	221	68	62	11.2	17	10
8711		<i>Sayornis nigricans</i>	♀ ad.	do	do	183	287	89	80	12.5	18	15
8712		<i>Ceryle alcyon</i>	♀ ad.	do	do	345	570	166	100	54	12	24
8713		<i>Corvus corax sinuatus</i>	♀ ad.	Oct. 11, 1892	do	615	1285	430	270	67	69	64
8714		" " "	♂ ad.	do	do	630	1300	440	267	68	69	68
8715		<i>Chelidon erythrogaster</i>	♂ ad.	do	do	182	325	119	90	8	10.5	16



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	Middle toe and claw	
8716		<i>Chelidon erythrogaster</i>	♂ ad.	Oct. 11, 1892	San Pedro River, Mex. B. Line	190	333	124	94	8	12	17
8717		"	? juv.	do	do	—	—	—	—	—	—	—
8718		<i>Nycticorax n. naevius</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8719		<i>Sayornis saya</i>	♂ ad.	do	do	198	333	109	88	15	20	17.5
8720		<i>Tachycineta thalassina</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8721		"	♀ juv.	do	do	—	—	—	—	—	—	—
8722		<i>Parus wollweberi</i>	♂	do	do	120	220	65	63	9	16	14
8723		<i>Helminthophila celata</i>	♀	do	do	124	230	68	46	11	17.5	16
8724		<i>Accipiter cooperi</i>	♂ juv.	do	do	413	730	228	210	15	58	49
8725		<i>Chelidon erythrogaster</i>	♀	Oct. 12, 1892.	do	177	330	188	87	9.4	13	17
8726		<i>Sphyrapicus varius nuchalis</i>	♂ ad.	do	do	213	405	131	86	22	20	23
8727		<i>Empidonax</i>	♀	do	do	141	218	67	63	11	18	13
8728		<i>Corvus cryptoleucus</i>	♂ ad.	do	do	537	1080	353	276	55	64	60
8729		"	♀ ad.	do	do	517	1055	342	213	46	64	56
8730		"	♂ ad.	do	do	540	1140	377	225	51	62	60
8731		"		do	do	—	—	—	—	—	—	—
8732		<i>Helminthophila celata</i>	♀	do	do	—	—	—	—	—	—	—
8733		<i>Zonotrichia intermedia</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8734		<i>Lanius l. excubitorides</i>	♀	do	do	—	—	—	—	—	—	—
8735		<i>Pooecetes gr. confinis</i>	♀ juv.	do	do	—	—	—	—	—	—	—
8736		<i>Spatula clypeata</i>	♂ juv.	Oct. 13, 1892.	do	—	—	—	—	—	—	—
8737		<i>Anas americana</i>	♂ ad.	do	do	525	884	275	143	37	41	58
8738		<i>Chelidon erythrogaster</i>	♂	do	do	—	—	—	—	—	—	—
8739		"	?	do	do	—	—	—	—	—	—	—
8740		"	?	do	do	—	—	—	—	—	—	—
8741		"	♂	do	do	—	—	—	—	—	—	—
8742		"	?	do	do	—	—	—	—	—	—	—
8743		"	?	do	do	—	—	—	—	—	—	—
8744		"	♂	do	do	—	—	—	—	—	—	—
8745		"	♂	do	do	—	—	—	—	—	—	—
8746		"	♀	do	do	—	—	—	—	—	—	—
8747		"	?	do	do	—	—	—	—	—	—	—



96													
Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	9th middle toe and claw		
8748		<i>Chelidon erythrogaster</i>	♀	Oct. 13, 1892.	San Pedro River, Mex. B.D. Line.								
8749		<i>Polioptila</i>	♀ juv.	do	do								
8750		<i>Geothlypis tr. occidentalis</i>	♂ juv.	do	do								
8751		<i>Sylvania pusilla</i>	♂ ad.	do	do								
8752		<i>Otocoris alpestris adusta</i>	♂	do	do								
8753		<i>Corvus cryptoleucus</i>	♀ ad.	do	do	525	1090	362	216	51	63	59	
8754		<i>Falco mexicanus</i>	♀	Oct. 14, 1892.	do	477	1075	342	204	24	62	70	
8755		<i>Speotyto cun. hypogaea</i>	♂ ad.	do	do	240	630	178	85	14	50	28	
8756		<i>Sturnella magna neglecta</i>	♂ ad.	do	do	156	412	126	82	33	40	32.5	
8757		<i>Egialitis vocifera</i>	♂ ad.	Oct. 15, 1892.	do	Not measured.							
8758		"	♀ ad.	do	do	do.							
8759		<i>Icteria virens longicauda</i>	♀ ad.	do	do	183	246	79	78	13	25	21	
8760		<i>Geothlypis tr. occidentalis</i>	♂ ad.	do	do	140	185	57	60	11.5	21	17.5	
8761		<i>Tringa minutilla</i>	♀	do	do								
8762		"	♂	do	do								
8763		<i>Gonotrichia leucophrys</i>	♂ ad.	do	do								
8764		<i>Poocætes gr. confinis</i>	♀ ad.	do	do								
8765		<i>Gonotrichia intermedia</i>	♂ juv.	do	do								
8766		"	♂ ad.	do	do								
8767		<i>Tachycineta thalassina</i>	♂ ad.	do	do								
8768		"	♂ ad.	do	do								
8769		"	♂ juv.	do	do								
8770		<i>Chelidon erythrogaster</i>	♀	do	do								
8771		<i>Aironaltes melanoleucus</i>	♂ ad.	Oct. 21, 1892.	do	148	322	139	62	6	12	14	
8772		<i>Merula migratoria propinqua</i>	♀ ad.	do	do	263	428	144	109	—	31	31	
8773		<i>Anthus pensilvanicus</i>	♂ ad.	do	do	167	265	89	70	13	23	19	
8774		<i>Cyanocitta st. macrolopha</i>	♀ ad.	do	do	311	463	148	143	27	45.5	33.5	
8775		<i>Aphelocoma s. arizonæ</i>	♀ ad.	do	do	323	502	164	150	28	43	34	
8776		<i>Melanerpes f. aculeatus</i>	♀ ad.	do	do	240	450	145	93	25	20	22.5	
8777		"	♂ ad.	do	do	241	450	142	88	24.5	21	24	
8778		"	♀ juv.	do	do								
8779		<i>Dryobates villosus hyloscopus</i>	♂ ad.	do	do	232	399	125	87	28	22	24	

Huachuca Mts., Arizona



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	Middle toe and claw	
8779		<i>Dryobates arizonae</i>	♂ ad.	Oct. 21, 1892.	Huachuca Mts., Arizona.	215	375	219	77	27	21	20
8780		<i>Parus wollweberi</i>	♀	do	do							
8781		<i>Sitta pygmaea</i>	♀ ad.	do.	do	114	212	76	40	13	15	15.5
8782		<i>Berthia f.</i> ?	♀ ad.	do	do	135	292	63	65	13	15	15
8783		<i>Salpinctes obsoletus</i>	♂ ad.	do	do	162	243	78	62	17	21.5	17.5
8784		<i>Empidonax</i>	?	do	do	140	225	72	60	9.8	17	13
8785		<i>Agelaius phoeniceus</i>	♀	Oct. 22, 1892.	San Pedro River, MEX. Bd. LINE.	204	344	110	84	19	26.5	26.5
8786		<i>Scolecophagus cyanocephalus</i>	♀	do	do							
8787		<i>Aegialitis vocifera</i>	♀ ad.	do	do	255	508	166	102	19	34.5	25.5
8788		<i>Gallinago delicata</i>	♀ ad.	do	do	283	465	144	65	64	35	39
8789		<i>Harporhynchus c. palmeri</i>	♀ ad.	Oct. 23, 1892	do	287	349	109	127	39.5	31	31.5
8790		<i>Anas strepera</i>	♀ juv.	do	do	460	860	252	88	40.5	39.5	51
8791		<i>Sayornis nigricans</i>	♀ im.	do	do	183	287	90	79	12.5	18	15.5
8792		<i>Anthus pensilvanicus</i>	♀ ad.	Oct. 17, 1892.	do							
8793		<i>Zonotrichia leucophrys</i>	♀ ad.	do	do							
8794		<i>Falco columbarius</i>	♂ ad.	Oct. 25, 1892.	do	291	605	201	129	11.5	38	43
8795		<i>Otocoris</i>	♂ ad.	Oct. 26, 1892.	do	182	330	110	77	11	24	19
8796		"	♀ ad.	do	do	170	313	164	72	10.5	23	18
8797		<i>Merula m. propinqua</i>	♀ ad.	do	do	260	400	137	109	22	35	29
8798		<i>Bubo virg. subarcticus</i>	♂ ad.	do	Huachuca Mts., Arizona.	520	1032	377	222	28	64	71
8799		<i>Regulus calendula</i>	♂ ad.	do	do.	116	183	60	50	9.5	18.5	13
8800		<i>Otocoris a. adusta</i>	♀ ad.	do	San Pedro River, MEX. Bd. LINE.	170	315	102	70	11.5	21	18
8801		<i>Calcarinus ornatus</i>	♂	do	do	152	268	82	63	9.5	20	19
8802		"	♂	do	do	165	286	93	69	11	19.5	19
8803		"	♀	do	do	151	263	83	59	16.5	19.5	18.5
8804		"	♀	do	do	149	265	82	60	9.4	20	17
8805		<i>Sialia mex. bairdi</i>	♂ ad.	do	Huachuca Mts., Arizona.	177	341	115	75	11.2	20	19.5
8806		<i>Centurus uropygialis</i>	♂ ad.	do	do	266	453	139	96	32	24	31
8807		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	188	340	105	71	19	19	18.5
8808		<i>Aphelocoma s. arizonae</i>	♀ ad.	do	do	343	533	170	157	29.5	42	36
8809		"	♀ ad.	do	do	335	510	167	149	30	41	33
8810		"	♀ ad.	do	do	347	540	175	161	30	43.5	35



Museum No. Collector No.

Name

Sex  
and  
age

Date

Locality

Length

Wing

Tail

Culmen

Tarsus

Middle toe and claw

8811

*Sayornis saya*

♂ ad.

Oct. 27, 1892.

San Pedro River, MEX. B.D. LINE

198

340

114

88

16

21

18

8812

*Anas carolinensis*

♀ ad.

Oct. 29, 1892.

do

345

590

184

81

35

29

42

8813

*Sayornis nigricans*

♀ juv.

Oct. 15, 1892.

do

8814

*Ceryle americana septentrionalis*

♂ ad.

Nov. 10, 1892.

Fort Belark, Texas.

218

292

86

66

44

11

17

8815

*Thryothorus t. lomitensis*

♀ ad.

do

do

148

196

60

56

17

21.5

20

8816

*Falco sparverius*

♂ im.

do

do

265

565

190

170

12

36

29

8817

*Melanerpes aurifrons*

♂ ad.

do

do

170

420

141

95

34

25

30

8818

*Dendroica coronata*

♀

do

do

8819

*Regulus calendula*

♂ ad.

Nov. 17, 1892.

do Crown red.

115

184

60

47

9

19.5

13

8820

*Harporhynchus l. sennetti*

♀ ad.

do

do

293

327

102

138

26.5

33

31

8821

*Ceryle americana septentrionalis*

♂ ad.

do

do

219

307

85

64

44

11

17.5

8822

*Cardinalis c. canicaudus*

♂ ad.

do

do

223

303

95

111

19

26

24

8823

*Pipilo maculatus <sup>arcticus?</sup> megalonyx?*

♂ ad.

do

do

219

290

91

111

14.2

28

29

8824

*Melanerpes aurifrons*

♂ ad.

Nov. 19, 1892.

do

260

448

135

94

33

24.5

28

8825

" "

♀ ad.

do

do

256

429

135

94

27

24

27.5

8826

*Harporhynchus l. sennetti*

♂ ad.

do

do

292

332

102

133

26

35

30

8827

*Thryothorus t. (lomitensis?)*

♀ ad.

do

do

144

192

59

55

16

20

19.5

8828

*Cardinalis c. canicaudus*

♂ ad.

do

do

223

297

93

111

19

25

23.5

8829

*Turdus aonalaschkae*

♀ ad.

do

do

182

293

95

72

14

31

22.5

8830

*Pipilo m. arcticus*

♀ ad.

do

do

210

277

86

102

14

29

26.5

8831

" "

♀ ad.

do

do

210

279

88

104

14

28

27

8832

*Colaptes cafer*

♀ ad.

Nov. 20, 1892.

do

326

540

167

124

36

30

33

8833

*Sturnella magna neglecta*

♀

do

do

236

381

118

76

31

37

33

8834

*Mimus polyglottos*

♂ ad.

do

do

267

366

115

128

19

34

29

8835

*Zonotrichia leucophrys*

♂ ad.

do

do

182

256

81

82

11.5

23.5

23

8836

" "

♀ ad.

do

do

180

248

80

78

11.2

23

22

8837

*Melanerpes aurifrons*

♀ ad.

Dec. 3, 1892

do

261

441

134

92

30.5

25

28

8838

" "

♂ ad.

do

do

271

444

135

92

31.5

24.5

27.5

8839

" "

♂ ad.

do

do

264

438

137

92

34

25

28

8840

" "

♂ ad.

do

do

268

440

135

91

32.5

24

28

8841

*Cardinalis c. canicaudus*

♂ ad.

do

do

223

295

90

102

19

24

23

8842

*Spinus tristis*

♀ ad.



Museum No.	Collector's No.	Name	Sex and Age	Date
8843		<i>Regulus calendula</i>	♀ ad.	Dec. 18, 1892.
8844		<i>Ampelis cedrorum</i>	♂ im.	do
8845		" "	♀ ad.	do
8846		<i>Parus atricristatus</i>	♀ ad.	do
8847		<i>Thryothorus bewickii</i>	♂ ad.	do
8848		<i>Cardinalis c. canicaudus</i>	♂ ad.	do
8849		<i>Ceryle americana septentrionalis</i>	♂ ad.	do
8850		<i>Merula migratoria</i>	♀ ad.	Dec. 21, 1892.
8851		" "	♂ ad.	do
8852		<i>Turdus aonalaschkae</i>	♀ ad.	do
8853		<i>Parus atricristatus</i>	♀ ad.	do
8854		" "	♀ ad.	do
8855		<i>Certhia familiaris</i>	♀ ad.	do
8856		<i>Sialia mex. bairdi</i>	♂ ad.	do
8857		" " "	♀ ad.	do
8858		<i>Thryothorus bewickii</i>	♂ ad.	do
8859		<i>Thryothorus l.</i>	♀ ad.	do
8860		<i>Mimus polyglottos</i>	♀ ad.	do
8861		<i>Sayornis phoebe</i>	♂ ad.	do
8862		<i>Melanerpes aurifrons</i>	♂ ad.	do
8863		" "	♀ ad.	do
8864		" "	♀ ad.	do
8865		<i>Sphyrapicus varius</i>	♀ im.	do
8866		<i>Accipiter cooperi</i>	♀ ad.	do
8867		<i>Melospiza lincolni</i>	♀ ad.	do
8868		<i>Cardinalis c. canicaudus</i>	♂ ad.	do
8869		" " "	♂ ad.	Dec. 23, 1892.
8870		" " "	♂ ad.	do
8871		" " "	♂ ad.	do
8872		" " "	♂ ad.	do
8873		" " "	♀ ad.	do
8874		" " "	♀ ad.	do

# Locality

Fort Clark, Texas.

Length	Alar expanse	Wing	Tail	Culmen	Throat	10-11 Middle toe and claw
184	305	100	62	10.8	18	21
155	239	74	72	11.2	20	17.5
141	186	58	62	15	19	17
230	311	98	117	20	25.5	26.5
224	313	86	68	45	15	19
256	399	130	107	18.2	32	27
257	405	136	106	19	34	29
179	285	92	71	12.5	30	23.5
148	228	71	66	11	19	17
152	232	73	70	11.5	18.5	16.5
135	194	63	65	13	15	16
177	326	110	75	11	20.5	19.5
175	327	112	70	12	20	19.5
142	190	60	60	15	18	17
150	200	64	56	17	21.5	20.5
250	350	111	119	18	33	28
181	288	88	81	13.3	18	16
259	439	135	92	33	24	30
246	422	132	87	27	23	27
253	435	135	94	30	23	28
214	390	126	85	24.5	20	22
510	900	272	338	20.5	73	63
143	197	62	60	11	20.5	19
228	302	94	113	18.5	26	24
230	300	95	112	19	25.5	24
228	299	94	111	20	25.5	23
234	304	97	116	19.5	26	23.5
223	300	96	109	19	25	22
218	296	92	106	17.5	24	22.5
223	295	93	106	17.3	24	23



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
8875		<i>Cardinalis c. canicaudus</i>	♀ ad.	Dec. 23, 1892.	Fort Clark, Texas.	216	296	91	105	19	24	23.5
8876		" "	♀ ad.	do	do	213	290	91	101	18.5	24.5	23
8877		<i>Arremonops rufivirgata</i>	♀ ad.	do	do	153	203	61	60	13	22.5	19.5
8878		" "	♀ ad.	do	do							
8879		" "	♀ ad.	do	do	153	200	60	63	13.3	23	20
8880		<i>Spinus psaltria mexicanus</i>	♂ ad.	do	do	116	206	66	44	10	13	15
8881		<i>Melospiza lincolni</i>	♂ ad.	do	do	151	207	63	63	11	20.5	20.5
8882		<i>Thryothorus l.</i>	♂ ad.	do	do	150	205	61	54	17	22	20
8883		<i>Helminthophila celata</i>	♂ ad.	do	do	125	191	60	48	11	17.5	14.5
8884		" "	♀ ad.	do	do	123	183	58	48	11	18	15
8885		<i>Harporhynchus l. sennetti</i>	♀ ad.	do	do	293	332	101	133	26.5	35.5	31.5
8886		<i>Colaptes cafer</i>	♀ ad.	do	do	337	537	166	123	38	30.5	34.5
8887		<i>Melanerpes aurifrons</i>	♀ ad.	do	do	250	430	130	84	29	23.5	28
8888		<i>Junco hyemalis connectens</i>	♀ ad.	Dec. 27, 1892.	do	156	239	78	73	11	21	19.5
8889		<i>Melospiza lincolni</i>	♂ ad.	do	do	145	204	63	60	11.3	20.5	20
8890		" "	♂ ad.	do	do	151	209	66	67	11.5	20.5	20
8891		<i>Gonotrichia leucophrys</i>	♂ juv.	do	do							
8892		<i>Pipilo maculatus arcticus</i>	♂ ad.	do	do	226	302	95	114	14	29	27
8893		" "	♂ ad.	do	do	219	287	90	106	14.5	29	28
8894		<i>Cardinalis c. canicaudus</i>	♂ ad.	do	do	223	297	94	109	19.5	24	24.5
8895		" "	♂ ad.	do	do	228	301	96	114	19.5	25	24
8896		" "	♂ ad.	do	do	221	291	92	106	19	25.5	22.5
8897		" "	♀ ad.	do	do	224	296	94	109	18.5	25	22.5
8898		<i>Turdus aonalaschkei</i>	♂ ad.	do	do	190	305	98	89	13	31	23
8899		<i>Parus atricristatus</i>	♀ ad.	do	do	156	236	74	70	11	19	17.5
8900		<i>Thryothorus l.</i>	♂ ad.	do	do	154	200	60	53	18	22	19.5
8901		" "	♀ ad.	do	do	144	192	59	51	17	21	19
8902		<i>Harporhynchus l. sennetti</i>	♂ ad.	do	do	292	337	100	136	27.5	37	32
8903		" "	♀ ad.	do	do	295	340	104	134	26	36	32.5
8904		<i>Columbigallina p.</i>	♀ ad.	do	do	173	276	89	66	11.7	15.3	19
8905		<i>Melanerpes aurifrons</i>	♂ ad.	do	do	274	465	145	96	33.5	26	30
8906		" "	♀ ad.	do	do	257	433	134	91	30	26	29



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

8907

*Melanerpes aurifrons*

♀ ad.

Dec. 27, 1892.

Fort Belark, Texas.

256

439

135

91

32

24

30.5

8908

*Pencalea ruficeps*

♂ ad.

Dec. 30, 1892.

Los Moras Mtn. do

163

212

67

73

13

20.5

19.5

8909

" "

♀ ad.

do

Los Moras mtn. do

155

203

63

69

12

21

20

8910

*Merula migratoria*

♂ ad.

Dec. 31, 1892.

do

265

435

143

113

21

32.5

29

8911

*Turdus aonalaschkae*

♂ ad.

do

do

187

299

99

78

14

30

22

8912

*Cardinalis c. canicaudus*

♂ ad.

do

do

231

304

96

115

20.1

25.5

24.5

8913

*Zonotrichia intermedia*

♂ ad.

do

do

190

274

85

84

12.7

25

22.7

8914

♂ " ♀ "

♀ ad.

do

do

180

262

84

83

12.6

23

21.8

8915

*Junco hyemalis*

♂ ad.

do

do

162

253

81

74

11.5

21

20

8916

"

♀ ad.

do

do

163

248

80

74

11.3

21

20

8917

" *hyemalis*

♂ ad.

do

do

156

241

77

68

11

22

19.5

8918

" "

♂ ad.

do

do

160

244

79

70

12

21

20

8919

*Anthus pensilvanicus*

♀ ad.

Jan. 1, 1893

do

163

265

84

70

13

23

20

8920

" "

♀ ad.

do

do

162

262

84

70

12.3

22

19

8921

" "

♂ ad.

do

do

169

271

87

72

13.2

22.5

18

8922

*Sturnella magna neglecta*

♀ ad.

do

do

233

376

118

77

30

35.5

33

8923

" "

♀ ad.

do

do

235

386

120

75

31

36.5

33.5

8924

*Sialia arctica*

♂ ad.

Jan. 3, 1893.

do

192

357

123

80

14

22.2

21.2

8925

" "

♀ ad.

do

do

175

332

111

72

13

22.5

21

8926

*Oreoscoptes montanus*

♂ ad.

do

do

230

330

105

100

18

32.5

25

8927

*Zonotrichia leucophrys?*  
*intermedia?*

♀ juv.

do

do

8928

*Dryobates scalaris bairdi*

♀ ad.

do

do

8929

*Cardinalis c. canicaudus*

♂ ad.

do

do

8930

*Amphispiza bilineata*

♂ ad.

do

do

8931

" "

♂ ad.

do

do

149

215

68

67

11.5

18

16.5

8932

*Auriparus flaviceps*

♂ ad.

do

do

120

178

55

54

9

16

13.5

8933

*Agelaius phoeniceus*

♀ ad.

Jan. 4, 1893.

do

198

325

101

79

20

26.5

26.5

8934

" "

♀ ad.

do

do

200

332

105

80

18

26

25

8935

*Molothrus ater*

♀ ad.

do

do

181

306

97

72

15

23.5

22

8936

" "

♀ ad.

do

do

180

298

97

72

15

22.5

22

8937

*Arremonops rufivirgata*

♀ ad.

do

do

161

210

65

68

13

23

19.5

8938

*Melanerpes aurifrons*

♂ ad.

do

do

265

442

136

89

32.7

23

28



Museum No.	Collector's No.	Name	Sex and Age	Date
8939		<i>Melanerpes aurifrons</i>	♀ ad.	Jan. 4, 1893.
8940		<i>Leiothorus palustris</i>	♀ ad.	do
8941		<i>Pipilo maculatus arcticus</i>	♂ ad.	do
8942		" " "	♂ ad.	do
8943		<i>Regulus calendula</i>	♀ ad.	do
8944		<i>Sturnella magna neglecta</i>	♂ ad.	Jan. 7, 1893.
8945		<i>Buteo borealis</i>	♀ ad.	do
8946		<i>Clangula hyemalis</i>	♂ juv.	do
8947		<i>Melanerpes aurifrons</i>	♂ ad.	Jan. 9, 1893.
8948		" "	♂ ad.	do
8949		" "	♀ ad.	do
8950		<i>Sayornis phoebe</i>	♀ ad.	do
8951		<i>Pipilo maculatus arcticus</i>	♀ ad.	do
8952		<i>Junco hyemalis</i>	♂ ad.	do
8953		<i>Melospiza lincolni</i>	♂ ad.	do
8954		" "	♂ ad.	do
8955		<i>Spinus tristis</i>	♀ ad.	do
8956		<i>Lanius ludovicianus</i>	♂ ad.	do
8957		<i>Parus atricristatus</i>	♀ ad.	do
8958		" "	♂ ad.	do
8959		" "	♂ ad.	do
8960		<i>Thryothorus ludovicianus</i>	♂ ad.	do
8961		<i>Parus atricristatus</i>	♀ ad.	do
8962		<i>Spinus psaltria mexicanus</i>	♂ ad.	Jan. 11, 1893.
8963		<i>Otocoris alpestris</i>	♂ ad.	do
8964		" "	♀ ad.	do
8965		<i>Sialia sialis</i>	♂ ad.	Jan. 12, 1893
8966		" "	♀ ad.	do
8967		<i>Sialia arctica</i>	♂ ad.	do
8968		" "	♂ ad.	do
8969		<i>Zonotrichia leucophrys</i>	♀ ad.	do
8970		<i>Leiothorus palustris</i>	♀ ad.	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	109 Middle toe and claw
Fort Belark, Texas.	256	437	134	90	30	93.5	28
do	130	169	53	79	13	20	16
do	222	290	93	107	15	27	27
do	210	278	90	105	12.5	26.5	26
do	105	177	60	46	8.7	19	13.3
Strickland Springs, 11 miles Fort Belark, Texas.	261	426	130	85	35	42	38
do	565	1370	422	240	29	92	67
Fort Belark, Texas.	440	795	230	90	28	38	60
do	268	436	134	93	35	33	30
do	263	440	135	95	34	25	29
do	253	440	135	90	31	24.5	28.5
do	176	273	86	76	13.2	17.5	15
do	210	267	85	102	14	26.5	25.5
do	163	257	83	77	12	22.5	21.5
do	149	202	64	64	11.5	20.5	18.8
do	148	208	66	65	11	20.5	19.5
do	130	223	71	54	11	14.3	15.3
do	228	327	104	107	16	25.5	22
do	151	237	75	69	11.2	20	19
do	157	238	77	75	11.5	19.5	18
do	155	248	78	71	11	20.5	17.5
do	157	213	65	57	18	22	21
do	153	236	74	69	11.2	19	17.5
do	120	210	69	50	10	12.2	14
do	184	340	109	75	12.8	23	20
do	175	335	105	70	10	21	18
do	180	324	105	70	13	21	22
do	171	305	100	66	13	19.5	20
do	195	355	119	79	14	22	21
do	184	349	115	75	14	22	19.5
do	174	245	78	78	12	22	22
do	142	182	58	54	14	21	17.5



Museum No. Collector's

Name

Sex  
and  
Age

Date

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

8971	<i>Junco hyemalis</i> ?	♀ ad.	Jan. 13, 1893.	Fort Clark, Texas.	158	240	77	72	12	21.5	19
8972	<i>Parus atricristatus</i>	♂ ad.	do	do	160	249	79	74	11.5	20	18
8973	<i>Cardinalis c.</i>	♂ ad.	do	do	222	303	98	108	19	25	24
8974	"	♂ ad.	do	do	225	303	98	110	19	26	23
8975	<i>Melanerpes aurifrons</i>	♀ ad.	do	do	253	435	131	87	29.5	22	27
8976	"	♀ ad.	do	do	263	440	135	96	30	23	28
8977	<i>Cardinalis c.</i>	♀ ad.	Jan. 14, 1893.	do	216	282	91	104	17	24.5	23
8978	"	♂ ad.	do	do	232	308	96	116	20	25	23.5
8979	<i>Harporhynchus l. sennetti</i>	♀ ad.	do	do	296	337	104	137	29	37	30.5
8980	<i>Thryothorus l. lomitensis</i> ?	♀ ad.	do	do	148	196	58	54	16	20.5	19.5
8981	<i>Cardinalis c.</i>	♂ ad.	Jan. 15, 1893	do	220	296	95	109	19	25	23.5
8982	"	♂ ad.	Jan. 16, 1893	do	227	297	95	112	18	25	22
8983	<i>Harporhynchus l. sennetti</i>	♂ ad.	do	do	305	349	107	140	29	36	31
8984	<i>Gallinago delicata</i>	♂ ad.	do	do	272	435	136	66	64	33	36
8985	"	♀ ad.	do	do	277	442	140	63	63	32	36
8986	"	♂ ad.	do	do	280	442	136	62	65	31	37
8987	<i>Buteo borealis</i>	♂ ad.	Jan. 17, 1893.	do	552	1345	412	240	28	93	65
8988	<i>Arremonops rufivirgata</i>	♂ ad.	Jan. 31, 1893.	do	170	225	68	70	14	22	20
8989	<i>Cardinalis c.</i>	♀ ad.	Febr. 2, 1893.	do	222	290	90	103	17	25	21.5
8990	<i>Merula migratoria</i>	♂ ad.	Febr. 3, 1893.	do	274	445	148	119	20	34	28
8991	<i>Pipilo maculatus arcticus</i>	♂ ad.	do	do	214	280	87	101	13	28	26.5
8992	<i>Arremonops rufivirgata</i>	♂ ad.	do	do	168	223	67	70	14	23	20
8993	<i>Thryothorus l. lomitensis</i>	♀ ad.	do	do	148	195	60	55	17	21	19
8994	<i>Falco sparverius</i>	♂ ad.	Febr. 4, 1893.	do	280	585	193	134	12.2	38	32
8995	<i>Cardinalis c.</i>	♀ ad.	do	do	223	297	94	107	17.5	25.5	23
8996	"	♀ ad.	do	do	222	285	87	103	18.5	24	22
8997	<i>Melospiza fasciata</i>	♂ ad.	do	do	170	227	70	78	13	21	20.5
8998	<i>Cardinalis c.</i>	♀ ad.	Febr. 6, 1893.	do	228	293	93	110	17.5	26	25
8999	"	♀ ad.	Febr. 7, 1893.	do	223	290	89	105	18	24	23
9000	"	♀ ad.	do	do	220	292	92	108	18	24	23
9001	<i>Colinus virg. texanus</i>	♀ ad.	do	do	220	355	111	64	12.5	29	31
9002	<i>Cardinalis c.</i>	♀ ad.	Febr. 8, 1893.	do	219	287	90	107	18	25	22



Museum No.	Collector's No.	Name	Sex and Age	Date
9003		<i>Cardinalis c.</i>	♀ ad.	Febr. 9, 1893
9004		" "	♂ ad.	do
9005		" "	♂ ad.	Febr. 10, 1893.
9006		" "	♂ ad.	do
9007		" "	♀ ad.	Febr. 11, 1893
9008		<i>Sialia mexicana bairdi</i>	♂ ad.	Febr. 12, 1893
9009		" "	♀ ad.	do
9010		<i>Melanerpes aurifrons</i>	♀ ad.	do
9011		<i>Geococcyx californianus</i>	♂ ad.	do
9012		<i>Bubo virginianus subarcticus</i>	♂ ad.	do
9013		<i>Agelaius phoeniceus</i>	♂ ad.	Febr. 18, 1893.
9014		<i>Mimicus longirostris</i>	♀ ad.	Febr. 22, 1893.
9015		<i>Salpinctes obsoletus</i>	♀ ad.	do
9016		<i>Thryothorus bewickii bairdi</i>	♂ ad.	do
9017		<i>Cardinalis c. canicaudus</i>	♀ ad.	do
9018		<i>Parus atricristatus</i>	♀ ad.	do
9019		<i>Spinus tristis</i>	♂ ad.	do
9020		<i>Dendroica coronata</i>	♀ ad.	do
9021		<i>Sayornis phoebe</i>	♂ ad.	Febr. 24, 1893.
9022		<i>Quiscalus macrourus</i>	♂ ad.	do
9023		<i>Spinus tristis</i>	♂ ad.	do
9024		" "	♀ ad.	Febr. 25, 1893.
9025		" "	♀ ad.	do
9026		" "	♀ ad.	do
9027		" "	♀ ad.	do
9028		" "	♀ ad.	do
9029		" "	♂ ad.	do
9030		<i>Quiscalus sp. aeneus</i>	♀ ad.	do
9031		<i>Colinus virg. texanus</i>	♂ ad.	do
9032		<i>Melospiza fasciata</i>	♂ ad.	do
9033		<i>Melanerpes aurifrons</i>	♀ ad.	do
9034		<i>Mimus polyglottos</i>	♂ ad.	do

Locality	Length	Wing	Alar expanse	Tail	Culmen	Tarsus	Middle toe and claw
Fort Belark, Kinney County, Texas.	220	290	90	108	17	23	21.5
do	238	310	98	118	20.5	24.5	23
do	226	300	94	112	18.5	27	24
do	213	284	86	101	17	25	23
do	226	289	90	108	19	24.5	23
do	172	323	107	70	12.3	20.5	18.5
do	170	325	108	69	11	23	20
do	257	426	134	90	30.5	23	29
do	572	545	167	295	48	63	45
do	520	1340	385	215	31	60	73
do	234	380	123	101	24	30	31
do	587	980	277	109	173	84	44
do	162	235	72	56	19	21.5	18.5
do	144	192	58	58	15	19	17
do	230	303	95	114	19.5	25	23
do	160	243	75	70	11	20	18
do	132	X	75	54	10.8	13.5	16
do	142	225	73	59	9.2	19	16
do	181	290	90	77	15	18	16.5
do	476	608	198	241	44	52	49
do	130	232	75	55	10.5	13.5	15.5
do	129	226	72	51	11	14	16
do	127	221	71	50	10	13.5	15
do	128	219	71	50	10	13.5	15
do	134	222	70	49	11	13.4	15.2
do	126	228	72	49	10.5	14	16
do	134	230	74	51.5	11	13.5	16
do	304	419	130	124	30	35	34
do	260	387	117	73	15	35	36
do	175	234	74	83	12.2	22	21.5
do	258	434	133	90	29	24	28
do	269	380	120	133	17	34	28.5



Museum No	Collector's No	Name	Sex and Age	Date
9035		<i>Pipilo maculatus arcticus</i>	♀ ad.	Febr. 25, 1893.
9036		<i>Sturnella magna neglecta</i>	♀ ad.	do
9037		<i>Gallinago delicata</i>	♀ ad.	Febr. 28, 1893
9038		<i>Agelaius phoeniceus</i>	♂ im.	March 4, 1893.
9039		" "	♂ im.	do
9040		<i>Colaptes cafer</i>	♂ ad.	do
9041		<i>Accipiter velox</i>	♂ im.	do
9042		<i>Thryothorus l.</i>	♀ ad.	do
9043		<i>Molothrus ater</i>	♂ ad.	Mar. 6, 1893.
9044		" "	♂ ad.	do
9045		" "	♂ ad.	do
9046		" "	♂ ad.	do
9047		" "	♂ ad.	Mar. 7, 1893.
9048		" "	♂ ad.	do
9049		" "	♂ ad.	do
9050		" "	♂ ad.	do
9051		<i>Scolecophagus cyanocephalus</i>	♀ ad.	do
9052		<i>Molothrus ater</i>	♂ ad.	Mar. 8, 1893.
9053		" "	♀ ad.	do
9054		" "	♀ ad.	do
9055		<i>Geococcyx californianus</i>	♂ ad.	do
9056		<i>Colinus virg. texanus</i>	♂ ad.	do
9057		" "	♂ ad.	do
9058		<i>Mimus polyglottos</i>	♂ ad.	do
9059		" "	♂ ad.	do
9060		<i>Sialia arctica</i>	♂ ad.	do
9061		" "	♂ ad.	do
9062		" "	♀ ad.	do
9063		" "	♀ ad.	do
9064		" "	♀ ad.	do
9065		" "	♀ ad.	do
9066		<i>Stelgidopteryx serripennis</i>	♂ ad.	Mar. 9, 1893

Locality	Length	Wing	Tail	Culmen	Tarsus	115	Mid toe and claw
Fort Belark, Kinney Co., Texas.	215	280	86	106	13.5	28	26
do	238	375	116	75	30	36	32
do	285	447	137	63	68	33	38
do							
do							
do	342	566	175	133	36	31.5	35
do	302	555	175	148	10	45	38
do	146	190	60	50	16.5	21	19
do	210	345	112	85	18	26	25
do	201	350	113	82	16.5	25	24.5
do	202	341	111	85	16.7	25.5	24.5
do	204	345	112	80	17	24	23.5
do	201	342	111	83	17	25	24.5
do	200	340	108	77	16.3	26	25
do	196	339	109	77	18	24.2	24.2
do	206	349	115	87	17.5	24.5	24
do	243	392	126	100	19	31	28
do	203	352	115	80	18	26	26
do	179	301	97	70	15	23	21
do	178	303	99	71	15	23	23
do	570	530	174	290	48	59	42
do	247	372	114	70	14	32	33
do	252	370	113	73	13.5	35	37
do	270	375	120	130	18	34	30
do	366	375	118	126	20	34	30
do	185	351	118	79	13	23	22
do	184	356	120	78	15	23	20
do	184	348	118	78	13.5	22.5	20.5
do	180	341	115	75	13	23	21
do	178	335	113	72	13.5	22.5	20.5
do	180	344	114	72	14	23	21
do	140	308	110	52	8	11	16



Museum No.	Collector's No.	Name	Sex and Age	Date
9067		<i>Cardinalis c. canicaudus</i>	♂ ad.	Mar. 9, 1893
9068		<i>Megascops</i>	♀ ad.	Mar. 10, 1893.
9069		<i>Sphyrapicus varius</i>	♀ ad.	do
9070		<i>Sialia arctica</i>	♂ ad.	do
9071		<i>Calamospiza melanocorys</i>	♂ ad.	do
9072		"	♀ ad.	do
9073		<i>Oroscoptes montanus</i>	♂ ad.	do
9074		<i>Zonotrichia l. intermedia</i>	♀ im.	do
9075		<i>Calamospiza melanocorys</i>	♀ ad.	Mar. 13, 1893.
9076		<i>Stelgidopteryx serripennis</i>	♀ ad.	Mar. 14, 1893.
9077		<i>Colaptes cafer</i>	♂ ad.	Mar. 15, 1893.
9078		<i>Melanerpes aurifrons</i>	♂ ad.	do
9079		<i>Quiscalus macrourus</i>	♂ ad.	do
9080		"	♂ ad.	do
9081		"	♂ ad.	do
9082		<i>Molothrus ater</i>	♂ ad.	Mar. 18, 1893
9083		"	♂ ad.	do
9084		<i>Spizella c. hypogaea</i>	♀ ad.	Mar. 20, 1893.
9085		<i>Quiscalus macrourus</i>	♂ ad.	Mar. 22, 1893.
9086		<i>Progne subis</i>	♂ ad.	do
134525 9087		"	♀ ad.	do
9088		<i>Calamospiza melanocorys</i>	♀ ad.	do
9089		<i>Chondestes grammacus</i>	♂ ad.	do
9090		"	♂ ad.	do
9091		<i>Spizella</i>	♀ ad.	do
9092		<i>Zonotrichia l. intermedia</i>	♂ ad.	do
9093		<i>Myiarchus cinerascens</i>	♂ ad.	do
9094		<i>Poliophtila caerulea</i>	♂ ad.	do
9095		<i>Helminthophila ruficapilla</i>	♂ ad.	do
9096		<i>Milvulus forficatus</i>	♂ ad.	do
9097		<i>Melospiza lincolni</i>	♀ ad.	do
9098		<i>Myiarchus cinerascens</i>	♂ ad.	Mar. 23, 1893.

Locality	Length	Wing expanse	Wing	Tail	Culmen	Tarsus	11 <sup>th</sup> Middle toe and claw
Fort Belark, Kinney County, Texas	223	305	95	107	19	27	24
do	242	577	170	88	14.4	37	31
do	220	405	130	90	23	22	25
do	192	360	122	77	15	22	20
do	181	294	94	77	14	23.5	23
do	177	283	87	73	13	25	23
do	232	327	102	99	18	30	26
do	173	246	77	77	11	23.5	20
do	171	278	85	69	13	24	21
do	130	300	107	51	6.7	12	15
do	343	549	173	135	39	30	33
do	262	438	132	91	34	24	29
do	470	604	200	241	42	52	50
do	468	603	197	229	46	56	51
do	462	603	198	232	43	51	49
do	193	335	108	77	17	25	24
do	196	337	109	79	17	24.5	23
do	240	635	185	90	14.5	46	30
do	487	605	202	250	43	50	49
do							
do	208	415	148	80	12	15	21
do							
do							
do							
do							
do	136	196	61	63	9.8	18	16
do							
do	222	335	104	102	19	24	20
do	129	180	55	57	11	17	11.5
do	132	194	83	52	10.5	17	15.5
do	352	392	128	232	17	20.5	19.5
do	145	202	63	58	11.5	20	19
do	326	340	106	104	18	24	19



Museum No	Collector's No	Name	Sex and Age	Date
<del>9099</del>	<del>9101</del>	<i>Anthus spragueii</i>	♂ ad.	Mar. 28, 1893.
<del>9100</del>	<del>9102</del>	<i>Geothartes aura</i>	♂ ad.	Mar. 29, 1893.
9103		<i>Harporhynchus l. sennetti</i>	♂ ad.	do
9104		" "	♂ ad.	do
9105		<i>Parus atricristatus</i>	♂ ad.	do
9106		<i>Myiarchus cinerascens</i>	♂ ad.	do
9107		<i>Accipiter cooperi</i>	♂ ad.	Mar. 30, 1893
9108		<i>Pandion carolinensis</i>	♂ ad.	do
9109		<i>Accipiter cooperi</i>	♂ ad.	Mar. 31, 1893.
9110		<i>Milvulus forficatus</i>	♂ ad.	Apr. 1, 1893.
9111		<i>Ceryle americana septentrionalis</i>	♂ ad.	do
9112		<i>Quiscalus macrourus</i>	♂ ad.	Apr. 3, 1893.
9113		" "	♂ ad.	do
9114		" "	♂ ad.	do
9115		<i>Comothlypis americana</i>	♂ ad.	do
9116		<i>Milvulus forficatus</i>	♂ ad.	Apr. 4, 1893.
9117		<i>Quiscalus macrourus</i>	♂ ad.	do
9118		" "	♂ ad.	Apr. 5, 1893.
9119		" "	♂ ad.	do
9120		" "	♂ ad.	do
9121		<i>Piranga rubra</i>	♂ ad.	do
9122		" "	♂ ad.	do
9123		<i>Chondestes</i>	♂ ad.	do
9124		<i>Quiscalus macrourus</i>	♂ ad.	Apr. 6, 1893
9125		" "	♂ ad.	do
9126		" "	♂ ad.	do
9127		" "	♂ ad.	do
9128		<i>Piranga rubra</i>	♂ ad.	do
9129		" "	♂ ad.	do
9130		" "	♂ ad.	do
9131		<i>Icterus spurius</i>	♂ ad.	do
9132		<i>Dendroica auduboni</i>	♂ ad.	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	1 <sup>st</sup> middle toe and claw
Fort Clark, Kinney Co., Texas	166	267	81	62	18	24	23.5
do	164	173	52	255	27	68	85
do	292	345	105	133	25.5	37	32
do	294	324	98	136	26	35	32.5
do	158	248	78	72	11	20	18.5
do	223	334	104	100	20	30.5	19.5
do	420	760	233	202	16.5	66	53
do	615	1780	535	250	35	65	74
do	495	885	280	238	18	75	62
Strickland Spring, Kinney Co., Texas	348	387	123	213	17	20	19
do	223	315	88	64	43	10	18
Fort Clark, Kinney County, Tex.	479	606	198	240	44	50	47
do	355	479	156	166	34	42	40
do	364	487	156	168	35	43	41
do	116	182	58	43	11	16.5	13.5
do	374	393	126	242	17.5	18	19.5
do	475	613	200	232	45	50	50.5
do	456	586	190	230	41	46	46
do	482	618	201	234	45	50	48
do	475	595	193	234	44	49	47
do	206	313	100	88	18	20.5	20
do	203	303	96	82	20	20	20
do	173	277	87	74	13	19	20
do	474	604	193	233	46	52	51
do	362	468	153	166	35	37	39
do	373	495	162	172	35	42	42
do	204	305	98	83	20	18.5	20
do	203	308	98	86	20	19	20
do	203	300	96	83	20	19	20
do	174	240	77	71	16	20	20.5
do							



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
9099		Rhynchophanes?	♀ ad.	Mar. 28, 1893	Fort Belark, Kinney Co., Texas.	148	267	87	55	12	19.5	17
9100		"	♀ ad.	do	do	142	261	83	53	12	18	17
9133		Junco hyemalis	♀ ad.	Apr. 6, 1893.	do							
9134		Spizella	♀ ad.	do	do							
9135		"	♀ ad.	do	do							
9136		"	♀ ad.	do	do							
9137		Quiscalus macrourus	♀ ad.	Apr. 7, 1893.	do	356	487	156	162	34	40	39.5
9138		Vireo noveboracensis	♂ ad.	Apr. 8, 1893.	Mud Creek, Valverde Co., Texas.							
9139		Dryobates scalaris	♂ ad.	do	do							
9140		"	♀ ad.	do	do							
9141		Quiscalus macrourus	♂ ad.	Apr. 10, 1893.	Fort Belark, Kinney Co., Texas.	443	590	188	213	43	48	49
9142		"	♀ ad.	Apr. 11, 1893.	do	364	480	156	178	33	40	39
9143		"	♂ ad.	Apr. 12, 1893	do	473	618	200	233	45	53	50
9144		Piranga rubra	♂ ad.	Apr. 14, 1893.	do	199	315	103	86	30	18.2	18.5
9145		Icteria virens	♂ ad.	do	do	203	266	83	92	15.3	28	22
9146		Parus atricristatus	♂ ad.	do	do	160	247	78	75	11	20	17
9147		Chondestes gr.	♀ ad.	do	do	170	273	85	68	13	20	19
9148		"	♂ ad.	do	do	173	278	89	76	12.5	20	20.5
9149		Amphispiza bilineata	♂ ad.	do	do	146	216	69	65	10.5	18	16
9150		Vireo bellii	♂ ad.	Apr. 15, 1893.	do	128	189	58	50	11	19.5	14
9151		Geococcyx californianus	♂ juv.	Apr. 16, 1893	do	Nest contained 3 yg. + 2 eggs.						
9152		Cardinalis c. canicaudus	♂ ad.	do	do	231	310	97	114	18.3	25	24
9153		"	♂ ad.	do	do	227	306	95	111	18	24.5	24
9154		Icterus spurius	♂ ad.	do	do	175	250	79	75	16.5	20.5	18.5
9155		Chondestes grammacus	♂ ad.	do	do	171	276	86	72	12	20	21
9156		Melospiza forficatus	♂ ad.	Apr. 17, 1893	do	370	395	130	242	16.3	19	21
9157		"	♀ ad.	do	do	286	370	116	162	18	18	20
9158		Myiarchus crinitus	♂ ad.	Apr. 21, 1893	do	227	339	109	101	19	21	20
9159		Molothrus ater	♀ ad.	do	do	177	307	99	73	16	23.5	24.2
9160		Spizella pallida	♀ ad.	do	do	135	195	60	62	9	19	16.8
9161		Vireo noveboracensis	♀ ad.	do	do	126	188	56	50	11	19.5	16
9162		"	♂ ad.	Apr. 22, 1893.	do	133	198	62	55	11	20	15



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
	9163	<i>Piranga rubra</i>	♂ ad.	Apr. 22, 1893.	Ft. Belark, Kinney County, Texas.	197	309	100	83	19.5	20	20.2
	9164	<i>Guiraca caerulea</i>	♂ ad.	do	do	187	290	93	77	18	21.5	24
	9165	<i>Icteria virens</i>	♂ ad.	do	do	190	251	80	85	15	26	22.5
	9166	<i>Thryothorus bewickii</i>	♂ ad.	do	do	140	181	57	59	15	18	17
	9167	<i>Trochilus</i>	♀ ad.	do	do	98	119	47	28	20.5	X	X
	9168	<i>Icterus spurius</i>	♂ ad.	do	do	172	245	77	72	16	21.5	30
	9169	<i>Icteria virens</i>	♂ ad.	Apr. 24, 1893.	do	197	263	83	88	14	27	23
	9170	<i>Piranga rubra</i>	♂ ad.	do	do	202	315	100	84	19	20	21
	9171	" "	♀ ad.	do	do	193	302	93	76	20	21	20
	9172	<i>Helminthophila ruficapilla</i>	♀ ad.	do	do	117	188	58	46	10.2	17.3	14
	9173	<i>Petrochelidon lunifrons</i>	♀ ad.	do	do	146	305	108	53.5	8	13	17
	9174	<i>Vireo olivaceus</i>	♀ ad.	do	do	153	250	79	54	14.2	18	15
	9175	<i>Myiarchus cinerascens</i>	♂ ad.	do	do	225	330	104	99	20	24	20
	9176	<i>Chondestes grammacus</i>	♂ ad.	do	do	175	293	94	78	14	20	19.2
	9177	<i>Cardinalis c. canicaudus</i>	♂ ad.	do	do							
	9178	<i>Piranga rubra</i>	♂	Apr. 25, 1893.	do	202	318	98	82	19	21	21
	9179	<i>Melospiza forficatus</i>	♀ ad.	Apr. 29, 1893.	do	309	384	121	180	18	18.5	20
	9180	<i>Chondestes gr.</i>	♀ ad.	do	do	170	260	83	72	13	18	18
	9181	<i>Chordeiles a. texensis</i>	♂ ad.	do	do	223	378	198	104	7.2	13	19
	9182	<i>Calamospiza melanocorys</i>	♂ ad.	do	do							
	9183	" "	♂ ad.	do	do							
	9184	" "	♀ ad.	do	do							
	9185	<i>Quiscalus macrourus</i>	♂ ad.	do	do							
	9186	<i>Piranga rubra</i>	♂ ad.	do	do							
134 523	9187	<i>Progne subis</i>	♂ ad.	May 9, 1893.	do	210	424	150	81	12	15.5	23
	9188	" "	♂ ad.	do	do	206	413	148	80	11.5	14.5	22
	9189	" "	♂ ad.	do	do	207	425	153	83	12	15	22
	9190	<i>Chelidon erythrogaster</i>	♀ ad.	do	do	178	322	118	85	8	11	18
	9191	" "	♂ juv.	do	do							
	9192	<i>Myiarchus cinerascens</i>	♀ ad.	do	do	224	326	101	100	18.3	22	18
	9193	<i>Auriparus flaviceps</i>	♀ ad.	Nov. 18, 1892.	do							
	9194	<i>Passerina ciris</i>	♂ ad.	May 15, 1893	do	150	230	73	60	10.8	19	17

Shot and skinned by Sergeant Marchmont

Shot Nov. 18, 1892 by Lieut. Ord.



Museum No.	Collector's No.	Name	Sex and Age	Date
9195		<i>Piranga rubra</i>	♂ ad.	May 15, 1893.
9196		" "	♂	do
9197		" "	♀ ad.	do
9198		<i>Empidonax virescens</i> ?	♀ ad.	do
9199		<i>Contopus borealis</i>	♀ ad.	do
9200		<i>Myiarchus crinitus</i> ?	♂ ad.	do
9201		<i>Geococcyx americanus</i>	♀ ad.	do
9202		<i>Vireo olivaceus</i>	♂ ad.	do
9203		<i>Spinus psaltria mexicanus</i>	♂ ad.	do
9204		<i>Quiscalus macrourus</i>	♂ ad.	do
9205		<i>Agelaius phoeniceus</i>	♂	do
9206		<i>Parus atricristatus</i>	♂ juv.	do
9207		" "	♂ juv.	do
9208		<i>Piranga rubra</i>	♂ ad.	May 16, 1893.
9209		" "	♂	do
9210		" "	♂	do
9211		<i>Icteria virens</i>	♂ ad.	do
9212		<i>Geococcyx americanus</i>	♂ ad.	do
9213		" "	♂ ad.	do
9214		<i>Spinus psaltria mexicanus</i>	♂ ad.	do
9215		" "	♂ ad.	do
9216		" "	♂ ad.	do
9217		<i>Agelaius phoeniceus</i>	♂ ad.	do
9218		<i>Chondestes grammacus</i>	♀ ad.	do
9219		<i>Icterus spurius</i>	♀ ad.	do
9220		<i>Chordeiles a. texensis</i>	♂ ad.	May 17, 1893.
9221		<i>Harporhynchus l. sennetti</i>	♂ ad.	do
9222		<i>Ceryle americana septentrionalis</i>	♀ ad.	do
9223		<i>Agelaius phoeniceus</i>	♂ ad.	do
9224		" "	♀ ad.	do
9225		<i>Icteria virens</i>	♀ ad.	do
9226		<i>Piranga rubra</i>	♂	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Fort Clark, Kinney County, Texas.	202	313	103	85	19.5	19.5	20
do	193	306	97	81	17.2	21	20
do	200	305	95	79	20.5	21	20
do	148	224	72	60	12	15	12.7
do	196	327	109	76	17	16	18
do	236	345	106	102	21.5	23.5	20.5
do	300	420	146	147	25	28.5	27
do	167	260	85	63	15	18.5	16
do	114	205	66	48	10	12	14
do							
do							
do	220	365	117	90	22	30	29
do	First plumage.						
do	203	320	102	83	20	20.7	20
do	202	310	100	83	20	21.3	21
do	207	323	102	84	20	21	20.5
do	200	265	82	93	15	27	23
do	297	406	140	150	24	25.3	26
do	304	409	142	155	26.5	25	26.5
do							
do	118	209	67	48	10	12.7	15
do	116	203	65	46	10.8	12.3	14
do	234	384	125	97	24	29	30
do	167	268	85	71	12.3	21	19.5
do	172	235	74	72	16	20	19
do	232	585	200	107	7	14	19
do	307	340	103	135	29	38	32
do	221	313	87	64	36	10.5	17
do	242	393	127	102	24	30	29
do	197	317	102	78	21	27	27
do	186	246	76	79	15.5	27	23
do	197	290	91	78	19	20	19.5







Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Tarsus

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

9259	<i>Coccyzus americanus</i>	♂ ad.	June 8, 1893.
9260	<i>Callipepla gambeli</i>	♂ ad.	do
9261	<i>Icteria virens</i>	♂ ad.	do
9262	<i>Vireo bellii pusillus?</i>	♂ ad.	do
9263	<i>Dendroica aestiva</i>	♂ ad.	do
9264	" "	♂ ad.	do
9265	<i>Oryzobates scalaris bairdi</i>	♀ ad.	do
9266	<i>Agelaius vociferus</i>	♂ ad.	do
9267	<i>Dendroica aestiva</i>	♂ ad.	June 9, 1893.
9268	<i>Coccyzus americanus</i>	♂ ad.	do
9269	<i>Callipepla gambeli</i>	♂ ad.	do
9270	<i>Icteria virens</i>	♂ ad.	do
9271	<i>Piranga rubra</i>	♂ ad.	do
9272	<i>Vireo s. plumbeus</i>	♂ ad.	do
9273	<i>Contopus richardsonii?</i>	♂ ad.	do
9274	<i>Chondestes gr. strigatus</i>	♂ ad.	do
9275	<i>Contopus richardsonii</i>	♀ ad.	do
9276	<i>Mniarchus cinerascens</i>	♀ ad.	do
9277	<i>Mimus polyglottos</i>	♂ ad.	do
9278	" "	♂ ad.	do
9279	<i>Chordeiles</i>	♂ ad.	do
9280	<i>Molothrus ater obscurus</i>	♀ ad.	do
9281	" " "	♂ ad.	June 10, 1893.
9282	<i>Zenaidura macroura</i>	♀ ad.	do
9283	<i>Callipepla gambeli</i>	♂ ad.	do
9284	" "	♂ ad.	do
9285	<i>Coccyzus americanus</i>	♂ ad.	do
9286	" "	♀ ad.	do
9287	<i>Piranga rubra</i>	♂ ad.	do
9288	" "	♂ ad.	do
9289	<i>Vireo s. plumbeus?</i>	♂ ad.	do
9290	<i>Contopus richardsonii?</i>	♂ ad.	do

Fort Hancock, Texas.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

295	426	147	154	26	26	25
296	371	117	105	11	30	36
196	260	82	89	15	28	22
132	191	60	55	10.8	20	14
129	203	65	52	11.7	19	15
129	209	68	52	11.3	19	16
189	330	103	68	21.5	18	18.5
Not measured						
124	190	60	49	10.8	19	15
294	410	143	153	25.3	26	25
283	365	115	106	11	32	36
190	259	80	87	15	26	23
215	336	109	92	21.5	21.5	21.5
149	250	80	62	12.8	19.5	17
167	280	93	74	13.2	13	13.7
175	284	91	78	13.4	19.6	20.2
155	249	83	64	12	12	12.3
210	310	97	94	18	22.5	18.2
266	361	117	126	18.5	32	29
259	360	112	121	20	34.5	30
228	553	192	114	6.4	14	20
167	280	90	66	15	22	23
189	329	106	76	18	25.5	24.5
291	437	148	139	13	21	24
276	377	117	104	11	32	37
276	374	119	104	11.3	31	35
293	410	145	149	24	25	25
303	430	148	154	26	26	25.5
213	336	108	91	21	21.5	21.5
204	323	102	85	20	20.5	21.2
152	256	83	64	11.8	19.2	16.2
159	262	85	69	12.8	14	12



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

Locality

Length

Wing  
expanse

Tail

Culmen

Tarsus

Middle toe  
and claw

9291

*Dendroica aestiva*

♀ ad.

June 10, 1893.

Fort Hancock, Texas.

125

195

60

47

10.3

19

15

9292

" "

♀ ad.

do

do

127

195

61

49

10.5

19

15

9293

*Trochilus alexandri*

♀ ad.

do

do

98

121

49

29

20

4.8

7

9294

*Dendroica aestiva*

♂ ad.

do

do

129

201

65

53

11

19

15

9295

" "

♂ ad.

June 11, 1893.

do

129

205

66

52

11.2

19

15.4

9296

*Contopus richardsonii*

♂ ad.

do

do

160

267

87

70

13.3

13.5

13.3

9297

" "

♀ ad.

do

do

153

260

83

64

12

14

12.5

9298

" "

♀ ad.

do

do

156

258

83

65

13.8

13.5

12

9299

*Piranga rubra*

♂ ad.

do

do

202

315

100

83

21

20.8

20.7

9300

" "

♂ ad.

do

do

215

340

107

86

22

21

22

9301

*Icteria virens*

♂ ad.

do

do

200

260

84

90

15.3

26

21.5

9302

*Vireo plumbeus?*

♂ ad.

do

do

150

253

83

62

12

19.5

16

177405

9303

*Carpodacus m. frontalis*

♂ ad.

do

do

161

256

82

70

11.3

18

20

9304

*Dryobates s. bairdi*

♂ juv.

do

do

9305

*Callipepla gambeli*

♂ ad.

do

do

275

375

116

98

11.1

30

35.5

9306

" "

♂ ad.

do

do

283

378

117

105

11.2

33

39

9307

*Corvus cryptoleucus*

♀ ad.

do

do

520

1065

350

220

55

61

55

9308

*Chordeiles*

♀ ad.

June 12, 1893.

do

223

531

182

110

6.7

14

20

9309

" "

♂ ad.

do

do

230

551

192

117

6.9

14.5

20

9310

*Coccyzus americanus*

♀ ad.

do

do

314

432

149

154

26

26.2

27.2

9311

" "

♀ ad.

do

do

310

428

149

154

27

27.2

27.2

9312

*Geothlypis tr. occidentalis*

♂ ad.

do

do

134

186

60

56

12

20.5

18

9313

*Dendroica aestiva*

♂ ad.

do

do

134

204

66

51

11.5

20

15.5

9314

" "

♂ ad.

do

do

130

198

63

49

11

19

16

9315

" "

♀ ad.

do

do

127

192

60

47

10.8

19

15

9316

*Vireo s. plumbeus*

♂ ad.

do

do

154

266

84

64

11.8

19

16.5

9317

*Piranga rubra*

♂ ad.

do

do

209

324

105

87

20

20

20.5

9318

" "

♂ im.

do

do

206

317

100

85

21

20.5

21.5

9319

" "

♂ im.

do

do

210

320

102

87

21

20.5

22.3

9320

" "

♀ ad.

do

do

210

327

105

90

20.2

21.5

22

9321

" "

♀ ad.

do

do

207

321

101

84

21.3

21.2



Museum No.	Collector's No.	Name	Sex and Age	Date
8323		<i>Piranga rubra</i>	♂ ad.	June 13, 1893.
8324		<i>Mimus polyglottos</i>	♂ ad.	do
8325		<i>Lanius ludovicianus excubitorides</i>	♂ ad.	do
8326		" "	♀ juv.	do
8327		<i>Guiraca caerulea</i>	♂ ad.	do
8328		<i>Icterus bullocki</i>	♂ ad.	do
8329		<i>Geothlypis tr. occidentalis</i>	♂ ad.	do
8330		<i>Dendroica aestiva</i>	♀ ad.	do
8331		<i>Icteria virens</i>	♂ ad.	do
8332		<i>Contopus richardsonii</i>	♂ ad.	do
8333		" "	♀ ad.	do
8334		" "	♂ ad.	June 14, 1893.
8335		<i>Mimus polyglottos</i>	♂ ad.	do
8336		<i>Piranga rubra</i>	♀ ad.	do
8337		" "	♀ ad.	do
8338		" "	♂ im.	do
8339		<i>Myiarchus cinerascens</i>	♂ ad.	do
8340		<i>Vireo belli pusillus?</i>	♂ ad.	do
8341		<i>Passerina ciris</i>	♂ im.	do
8342		<i>Chelidon erythrogaster</i>	♂ ad.	do
8343		<i>Petrochelidon lunifrons</i> <i>Chelidon erythrogaster</i> - Hybrid.	♀ ad.	do
8344		<i>Colaptes cafer</i>	♂ ad.	June 15, 1893
134456 8345		<i>Callipepla gambeli</i>	♂ ad.	do
8346		<i>Piranga rubra</i>	♀ ad.	do
8347		<i>Mimus polyglottos</i>	♂ ad.	do
8348		" "	♂ ad.	do
8349		<i>Piranga rubra</i>	♂ ad.	June 16, 1893
8350		" "	♂ ad.	do
8351		" "	♀ ad.	do
8352		" "	♂ im.	do
8353		<i>Contopus richardsonii</i>	♂ ad.	do
8354		<i>Egialitis vocifera</i>	♂ ad.	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	13 middle toe and claw
Fort Hancock, Texas	210	330	104	88	20.7	21.3	20.8
do	265	379	118	131	20	35	30
do	245	342	106	113	17.7	29	24.5
do							
do	188	285	91	80	18	20	22.8
do	199	319	100	85	20	26	24
do	194	250	79	89	15.3	26.5	22
do	140	191	59	59	12	21	19.5
do	129	195	60.5	48	11	19	15
do	161	268	88	70	12.7	14	13
do	154	257	83	67	12	14	11.7
do	161	268	88	70	13	14	13
do	270	373	119	135	20	33	29
do	210	324	104	88	20.8	21.3	21
do	206	320	100	84	21.4	21.5	21.5
do	207	320	101	84	21	20.5	21.2
do	217	333	102	101	19	23	18.5
do	124	177	57	52	10.5	19	14.3
do	146	227	71	59	10.7	20	18.5
do	169	308	114	82	6.9	11	16.2
do	249	296	107	59	8	12	15.8
do	328	516	160	119	39	28	32
do	290	383	126	106	12	34	34.5
do	328	516	160	119	39	28	32
do	207	320	102	84	20	21.3	20.6
do	270	383	120	106	12	34	34.5
do	266	375	122	129	19.5	34	28
do	207	320	102	84	20	21.2	20.6
do	268	372	120	133	20	35	29
do	266	375	122	129	19.5	34	28
do	209	334	107	87	21	21.2	21.6
do	268	372	120	133	20	35	29
do	210	330	108	89	20.8	21.1	21.4
do	269	334	107	87	21	21.3	21.6
do	210	323	104	86	22.1	22	22
do	210	323	104	86	22.1	22	22
do	207	310	102	86	20	20	20.5
do	210	323	104	86	22.1	22	22
do	165	264	85	72	12.5	13.5	13
do	250	498	162	100	20	36	26



Museum No. Collector's No.

Name

Sex and Age

Date

8355	<i>Spinus psaltria</i>	♂ ad.	June 18, 1893.
8356	<i>Empidonax pusillus?</i>	♂ ad.	do
8357	<i>Amphispiza bilineata</i>	♂ ad.	do
8358	<i>Harporhynchus crissalis</i> <sup>no measurement</sup>	♂ juv.	do
8359	<i>Passerina ciris</i>	♂ ad.	do
8360	<i>Mimus polyglottos</i>	♂ ad.	do
8361	<i>Coccyzus americanus</i>	♂ ad.	do
8362	<i>Piranga rubra</i>	♂ ad.	do
8363	" "	♂ ad.	do
8364	" "	♀ ad.	do
8365	<i>Myiarchus cinerascens</i>	♂ ad.	do
8366	" "	♂ ad.	do
8367	<i>Chordeiles</i>	♀ ad.	do
8368	<i>Passerina ciris</i>	♂ ad.	June 19, 1893
8369	<i>Anas boschas</i> (Boschas enormous)	♂ juv.	do
8370	<i>Quiraca caerulea</i>	♂ ad.	do
8371	<i>Amphispiza bilineata</i>	♀ ad.	do
8372	<i>Pencaea cassini</i>	♂ ad.	do
8373	" "	♂ ad.	do
8374	" "	♂ ad.	do
8375	" "	♂ ad.	do
8376	<i>Speotyto c. hypogaea</i>	♀ ad.	do
8377	" "	♂ ad.	do
8378	<i>Agelaius phoeniceus</i>	♂ im.	do
8379	" "	♀ ad.	do
8380	<i>Pyrhuloxia sinuata</i>	♀ ad.	do
8381	<i>Quiraca caerulea euryncha</i>	♂ im.	do
8382	<i>Sturnella</i>	♂ ad.	do
8383	"	♂ ad.	do
134685 8384	<i>Callipepla gambeli</i>	♂ ad.	do
8385	<i>Coccyzus americanus</i>	♀ ad.	June 21, 1893.
8386	<i>Chordeiles</i>	♂ ad.	do

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

Fort Hancock, Texas.	117	208	62	45	10	13	15
do	151	232	72	63	11.8	16	14
do	152	224	69	68	12	19	18
do	157	245	74	62	12.3	20	19.7
do	272	377	120	136	20	24	21
do	290	423	146	145	24.2	26	26
do	211	330	106	89	21	20	21
do	213	330	104	85	22	22	22
do	204	320	99	82	20.5	21.2	21
do	223	330	102	101	20	23	20
do	227	342	105	103	20	23.5	20.5
do	220	535	185	106	6.7	15	20
do	146	230	72	60	10.8	19.2	17
Belen, El Paso Co., Texas	595	940	277	114	52	45	64
do	192	298	95	79	17.2	21.2	23
do	145	217	68	61	12	20	18
do	165	221	68	75	12.2	20	18.7
do	158	221	68	67	12.8	21	19.3
do	161	221	68	71	13.1	20	20
do	164	221	68	74	12.5	21	19
do	240	620	178	81	13	46	26.5
do	236	645	185	87	15	47	30
do	227	379	119	91	22	29	28.5
do	205	341	108	81	19	28	26
do	227	304	95	112	16	26	24
do	185	296	90	73	18	21	23
do	246	407	124	77	33	37	34
do	268	430	132	85	35	39	34
do	290	380	120	109	11.2	34	37
do	308	435	150	157	26	26.5	26
Fort Hancock, Texas	216	538	183	106	7	16	18
do	187	284	92	79	17.4	20	22.8



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

9387	<i>Guiraca caerulea euryncha</i>	♂ ad.	June 21, 1893.
9388	" " "	♂ ad.	do
9389	<i>Chondestes gr. strigatus</i>	♂ ad.	do
9390	" " "	♀ ad.	do
9391	<i>Molothrus ater obscurus</i>	♀ ad.	do
9392	<i>Dryobates scalaris bairdi</i>	♀ juv.	do
9393	<i>Piranga rubra</i>	♂ ad.	do
9394	<i>Vireo s. plumbeus?</i>	♂ ad.	do
9395	<i>Icterus bullocki</i>	♀ ad.	do
9396	" "	♂ juv.	do
9397	" "	♀ juv.	do
9398	" "	♀ juv.	do
9399	<i>Passerina ciris</i>	♂ ad.	June 22, 1893.
9400	<i>Icteria virens</i>	♂ ad.	do
9401	<i>Piranga rubra</i>	♀ ad.	do
9402	" "	♂ im.	June 23, 1893.
9403	<i>Callipepla gambeli</i>	♂ ad.	do
9404	" "	♂ ad.	do
9405	<i>Carpodacus mex. frontalis</i>	♂ ad.	do
9406	<i>Dendroica aestiva</i>	♀ ad.	do
9407	<i>Coccyzus americanus</i>	♂ ad.	do
9408	<i>Crismatura jamaicensis</i>	♀ ad.	do
9409	<i>Dendroica aestiva</i>	♂ ad.	June 24, 1893
9410	<i>Icteria virens</i>	♂ ad.	June 25, 1893.
9411	<i>Dryobates scalaris bairdi</i>	♂ ad.	do
9412	<i>Myiarchus cinerascens</i>	♂ ad.	do
9413	<i>Piranga rubra</i>	♀ ad.	do
9414	<i>Guiraca caerulea</i>	♂ ad.	do
9415	<i>Colaptes cafer</i>	♀ ad.	do
9416	<i>Callipepla gambeli</i>	♀ ad.	do
9417	" "	♀ ad.	June 26, 1893.
9418	<i>Harporhynchus crissalis</i>	♀ juv.	do

134459

Am. Mus. Nat.

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle  
toe  
and claw

Fort Hancock, Texas.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do (Rio Grande R.)

do

do

do

do

do

do

do

do

do

do

187

284

92

79

17.4

20

22.8

181

292

90

73

19

21

23.5

174

290

94

77

14.3

21

21

173

274

86

72

13.3

21

21.5

176

292

95

70

14.2

23

24

209

321

102

95

20.3

21

20.8

155

257

83

62

12.7

20

17.2

200

311

100

81

19

24.5

23

148

231

70

64

11

19.5

19

185

240

75

76

16

27

21.5

211

318

100

87

21

21

22

213

328

102

89

21

20.5

21.5

283

395

117

109

11.2

31

35

272

368

113

102

11.7

31

35

162

257

84

70

11.5

18

20

125

189

61

48

11

18

14.5

290

412

141

145

25

25

26

380

555

144

87

41

34

63

131

192

61

50

11

17

15

189

255

80

84

15.5

26.5

22.1

184

340

106

64

23.3

19

16

221

326

99

98

21

24.5

21

205

310

99

83

20.5

20.5

21

192

295

94

80

17

20

23

230

508

154

124

41

29

33

246

356

111

95

11.3

31

35

278

382

120

104

11.7

32

36



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	13 <sup>th</sup> toe unclad
9419		<i>Lanius l. excubitorides</i>	♀ juv.	June 27, 1893.	Fort Hancock, Texas.							
9420		<i>Icterus bullocki</i>	♀ juv.	June 28, 1893.	do							
9421		<i>Spizella caerulea</i>	♀ ad.	do	do	178	277	88	72	17	20.5	23.2
9422		<i>Molothrus ater obscurus</i>	♂ ad.	do	do	182	309	99	75	15.5	23.5	25
9423		<i>Phalaenoptilus nuttallii</i>	♀ ad.	do	do	227	482	162	102	8.8	19	22
9424		<i>Piranga rubra</i>	♀ ad.	June 29, 1893	do	199	308	98	83	20	20	21
9425		<i>Icterus bullocki</i>	? juv.	do	do							
9426		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	180	330	104	64	20.5	16.5	20
9427		<i>Coccyzus americanus</i>	♀ ad.	June 30, 1893	do	316	439	151	160	28.5	27	27
9428		<i>Molothrus ater obscurus</i>	♂ ad.	do	do	192	325	105	79	17	26	26
9429		" " "	♀ ad.	May 30, 1892.	Dog Spring, Grant Co., N. Mex.							
9430		<i>Geococcyx californianus</i>	♂ juv.	do	do							
9431		<i>Pelecanus erythrorhynchus</i>	ad.		Colorado Desert, Mexican Boundary Line.							
9432		<i>Trochilus alexandri</i>	♀ ad.	1893.	" " " " Cal.							
9433		<i>Melanerpes f. aculeatus</i>	♂ ad.	July 18, 1893	Fort Huachuca, Arizona.	211	428	135	77	—	—	—
9434		" " "	♂ ad.	July 22, 1893.	do							
9435		<i>Aphelocoma sieberii arizonae</i>	♂ juv.	do	do							
9436		<i>Parus wollweberi</i>	♂ juv.	do	do							
9437		<i>Sitta c. aculeata</i>	♀ juv.	do	do							
9438		" " "	♂ ad.	do	do	152	290	97	55	18	18	21.5
9439		<i>Tachycineta thalassina</i>	♂ ad.	do	do <sup>s</sup>	132	317	120	52	6	11	14.5
9440		<i>Contopus richardsonii</i>	♀ ad.	do	do	154	264	184	67	13	13.5	13.7
9441		<i>Habia melanocephala</i>	♂ ad.	do	do	208	329	104	86	20	24	25
9442		<i>Tyrannus vociferans</i>	♂ ad.	do	do	233	417	131	101	20	20	22
9443		" " "	♀ ad.	July 24, 1893.	do	224	400	128	95	20	19	20
9444		<i>Tachycineta thalassina</i>	♀ juv.	do	do							
9445		" " "	♀ juv.	do	do							
9446		<i>Antrostomus?</i>	♀ juv.	July 25, 1893	do	248	480	165	122	9.5	16	21
9447		<i>Ardea virescens</i>	♂ ad.	July 29, 1893	San Pedro River, Sonora, Mexico. Just south of U.S. Line.	505	760	210	85	60	55	58
9448		<i>Pyrocephalus r. mexicanus</i>	♂ ad.	do	do							
9449		" " "	♂ ad.	do	do	155	270	84	68	12.5	16.2	16
9450		" " "	♀ ad.	do	do							







Museum No.	Collector's No.	Name	Sex and Age	Date
9483		<i>Poliophtila caerulea</i>	♂ ad.	Aug. 8, 1893.
9484		<i>Mniarchus l. olivaceus</i>	♂ ad.	do
9485		<i>Empidonax</i> (yellowish)	♂ ad.	do
9486		" "	♂ ad.	do
9487		<i>Junco phaeonotus palliatus</i>	♂ ad.	do
9488		" " "	♂ juv.	do
9489		<i>Peucaea ruficeps boucardi</i>	♂ ad.	do
9490		" " "	♂ juv.	do
9491		<i>Selasphorus platycercus</i>	♂ ad.	Aug. 9, 1893.
9492		<i>Pipilo maculatus megalonyx</i>	♂ ad.	do
9493		<i>Vireo gilvus swainsonii</i>	♀	do
9494		" " "	♀	do
9495		<i>Dendroica graciae</i>	♂ ad.	do
9496		" " "	♂ juv.	do
9497		<i>Dendroica nigrescens</i>	♂ ad.	do
9498		<i>Setophaga picta</i>	♂ juv.	do
9499		" "	♂ ad.	Aug. 10, 1893.
9500		<i>Selasphorus platycercus</i> ?	♂ ad.	do
9501		" " "	? ♂ juv.	do
9502		<i>Junco phaeonotus palliatus</i>	♂ ad.	do
9503		" " "	♂ ad.	do
9504		<i>Leontopus pertinax</i>	♂ ad.	do
9505		" "	♂ ad.	do
9506		<i>Empidonax</i> (yellowish)	♂ ad.	do
9507		" "	♂ ad.	do
9508		<i>Melanerpes f. aculeatus</i>	♂ ad.	do
9509		" " "	♂ ad.	do
9510		" " "	♂ ad.	Aug. 11, 1893.
9511		<i>Falco s. deserticolus</i>	♂ juv.	do
9512		<i>Cyanocitta stelleri macrolopha</i>	-ad.	do
9513		<i>Piranga ludoviciana</i>	♂ ad.	do
9514		<i>Empidonax hammondi</i>	♂ ad.	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
San Jose Mts., Sonora.	121	271	53	54	10	18	12
do	150	227	69	66	12	19	15.3
do	143	220	68	63	12	17.5	13
do	147	217	68	61	11.2	18	14
do	173	262	84	80	13	22	21.5
do	155	218	68	70	12	20	19
do	106	124	46	35	19	—	—
do	222	288	93	113	15.7	28	27.5
do	140	215	67	50	11	18.3	15
do	136	216	67	51	10.2	17	15
do	131	207	68	56	10.5	17	14
do	145	219	70	68	9.5	16.5	15.5
do	107	125	51	33	22	—	—
do	102	130	50	32	19.5	—	—
do	168	253	78	73	13	21.5	19.3
do	169	260	79	76	12	21	20
do	213	347	113	95	20	18.5	16.5
do	195	222	106	89	18	16.5	15
do	148	226	69	62	12.5	17	15
do	152	228	71	66	12.5	17.5	14
do	240	450	143	86	27	20.5	25.5
do	232	443	138	80	26	21	25
do	234	443	143	92	24	22	24
do	300	435	143	128	28	41	31
do	194	308	99	75	16	20.5	20
do	145	229	72	64	10.3	16	13.3



Museum No. Collector No.

Name

Sex  
and  
Age

Date

9515	<i>Sitta pygmaea</i>	♀ ad.	Aug. 11, 1893.
9516	<i>Certhia americana albescent</i>	♂ ad.	do
9517	" "	♀ juv.	do
9518	<i>Thryothorus b. leucogaster</i>	♀ ad.	do
9519	<i>Cardellina rubrifrons</i>	♀	do
9520	<i>Mimus polyglottos</i>	♂ ad.	Aug. 13, 1893.
9521	<i>Pyrrhuloxia s. beckhami</i>	♀ juv.	do
9522	<i>Tyrannus verticalis</i>	♂ juv.	do
9523	<i>Calamospiza melanocorys</i>	♂ ad.	do
9524	<i>Spizella breweri</i>	♀ ad.	do
9525	<i>Peucaea cassini</i>	♂ ad.	do
9526	" "	♂ ad.	do
9527	" "	♂ ad.	do
9528	<i>Stelgidopteryx serripennis</i>	♀ juv.	Aug. 14, 1893.
9529	<i>Peucaea cassini</i>	♂ ad.	Aug. 15, 1893.
9530	" "	♂ ad.	do
9531	<i>Salpinctes obsoletus</i>	♂ ad.	do
9532	" "	♀ ad.	do
9533	<i>Callipepla squamata</i>	♂ ad.	Aug. 16, 1893.
9534	<i>Bubo. virg. subarcticus</i>	ad.	Aug. 17, 1893.
9535	<i>Guiraca caerulea</i>	♂ im.	Aug. 17, 1893.
9536	<i>Dryobates s. bairdi</i>	♀ im.	do
9537	<i>Guiraca caerulea</i>	♀ ad.	do
9538	<i>Peucaea cassini</i>	♂ ad.	do
9539	<i>Empidonax</i>	♂ ad.	do
9540	<i>Amphispiza bilineata</i>	♂ ad.	do
9541	<i>Leontopus richardsonii</i>	♀ juv.	do
9542	<i>Xanthocephalus</i>	♀ juv.	Aug. 19, 1893.
9543	<i>Gallinago delicata</i>	♀ ad.	Aug. 20, 1893.
9544	<i>Ardea herodias</i>	♀ juv.	Aug. 21, 1893.
9545	<i>Buteo borealis calurus</i>	♀ juv.	Aug. 21, 1893.
9546	<i>Amphispiza bilineata</i>	♀ ad.	do

Locality

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle  
toe  
and  
claw

San Jose Mts., Sonora.

Dutch Charley's Ranch, Monument No. 88.

Niggerhead Mt., N. B. L.

San Bernardino Ranch.

Near Niggerhead, in the mountains.

San Bernardino Ranch.

X

110	205	64	35	13	15.5	16.5
136	193	65	65	15	15	15.5
123	181	61	60	12.5	13	14
136	188	58	58	14	18	17
140	214	67	63	10.3	17.5	14
260	364	116	129	18.3	22.5	28
179	292	87	70	15	25	23
135	195	61	65	9	16.5	16
155	219	65	68	13	21	20
155	213	64	71	12.8	20	18.5
160	220	67	73	12.2	21	19
163	220	67	72	12.5	21	21
156	213	64	70	12.8	19	19
149	226	72	55	16	20.5	19
148	222	73	58	17	20	19
273	407	124	97	12	30	33
510	1300	370	220	28.5	61	65
186	285	90	73	19	21	23.5
167	222	68	73	13	22	20.5
153	231	72	62	11.8	17	15
151	225	69	70	13	20	18
285	438	135	64	68	31	36
580	1320	412	270	25	92	58
140	207	62	62	11.8	19	17



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	14 <sup>th</sup> toe and toe
9547		<i>Melanerpes uropygialis</i>	♀ ad.	Aug. 21, 1893.	San Bernardino Ranch,							
9548		" "	♂ ad.	do	do							
9549		" "	♂ ad.	do	do							
9550		<i>Dendroica aestiva sonora</i>	♀ ad.	do	do							
9551		<i>Geothlypis macgillivrayi</i>	♀ ad.	do	do							
9552		<i>Auriparus flaviceps</i>	♀ juv.	do	do							
9553		" "	♀ juv.	Aug. 23, 1893.	do							
9554		<i>Anas carolinensis</i>	♂ im.	do	do	378	615	188	84	37	33	44
9555		<i>Querquedula macroura</i>	♂ ad.	do	do	307	475	158	150	14.4	22	27.
9556		<i>Lanius l. excubitorides</i>	♀ ad.	do	do							
9557		<i>Dendroica aestiva sonora</i>	♂ ad.	do	do	128	200	63	51	10	19	15
9558		" " <i>aestiva</i>	♀ ad.	do	do	133	200	64	51	11	19.7	15.4
9559		<i>Sylvania pusilla</i>	♀ ad.	do	do							
9560		<i>Empidonax</i>	♀ ad.	do	do	154	230	140	60	10	19	17
9561		<i>Spizella socialis arizonae</i>	♂ ad.	do	do							
9562		<i>Sayornis nigricans</i>	♀ juv.	do	do							
9563		<i>Phainopepla nitens</i>	♂ ad.	do	do							
9564		<i>Totanus solitarius</i>	♀ ad.	do	do	225	440	143	63	32	35	32
9565		<i>Melanerpes uropygialis</i>	♂ ad.	Aug. 26, 1893.	Halls Ranch, Guadeloupe Cañon.	249	425	127	90	28	21	28
9566		<i>Lache latirostris</i>	♂	Aug. 30, 1893.	Guadeloupe Cañon, near Montezuma.	104	132	52	33	21	-	-
9567		<i>Apelocoma sieberii arizonae</i>	♀ ad.	do	do							
9568		<i>Piranga rubra cooperi</i>	♂ ad.	do	do							
9569		<i>Vireo gilvus swainsonii</i>	♂ ad.	do	do	137	220	69	51	10.2	18	14.5
9570		<i>Dendroica nigrescens</i>	♀ ad.	do	do	130	200	64	53	10.3	18	14
9571		<i>Helminthophila luciae</i>	♂ ad.	do	do	122	194	61	50	11	16.5	14
9572		<i>Speotyto cunicularia hypogaea</i>	♀ im.	Sept. 3, 1893.	San Luis Springs, Chihuahua.							
9573		<i>Anas cyanoptera</i>	♂ im.	do	do							
9574		<i>Otocoris alpestris adusta</i>	♀	do	do							
9575		<i>Piranga hepatica</i>	♀ im.	Sept. 4, 1893.	San Luis Mts., Chihuahua.							
9576		<i>Setophaga picta</i>	♀ ad.	do	do	142	214	68	67	10.5	16	14
9577		<i>Merula mig. propinqua</i>	♀ ad.	do	do							
9578		<i>Columba fasciata</i>	♂ ad.	Sept. 6, 1893.	do	386	660	218	156	18	27	37











Museum No. Collector's No.

Name

Sex and Age

Date

9643	<i>Accipiter velox</i>	♀ juv.	Sept. 29, 1893.
9644	<i>Oryzobates villosus hyloscopus</i>	♀ ad.	do
9645	<i>Oryzobates scularis bairdi</i>	♀ ad.	do
9646	<i>Turdus aonalaschkae</i>	♀ ad.	do
9647	<i>Sialia mexicana bairdi</i>	♂ ad.	do
9648	" " "	♀ im.	do
9649	<i>Parus meridionalis</i>	♂ ad.	do
9650	" "	♀ ad.	do
9651	" "	♂ ad.	do
9652	<i>Setophaga picta</i>	♀ ad.	do
9653	<i>Geothlypis tr. occidentalis</i>	♂ juv.	do
9654	<i>Delasphorus platycercus?</i>	♀	do
9655	<i>Corvus corax sinuata</i>	♂ ad.	do
9656	<i>Cathartes aura</i>	♀ ad.	do
9657	<i>Totanus melanoleucus</i>	♀ ad.	Sept. 30, 1893.
9658	<i>Macrorhamphus scolopaceus</i>	ad.	do
9659	<i>Anas cyanoptera?</i>	♀ ad.	do
9660	<i>Aphelecoma s. arizonae</i>	♂ ad.	do
9661	<i>Otocoris a. adusta</i>	♂ ad.	do
9662	<i>Stellula calliope</i>	♂ ad.	Oct. 1, 1893.
9663	<i>Euphonia fulvifrons</i>	♂ ad.	do
9664	<i>Spizella socialis v. michalis</i>	♀ ad.	do
9665	<i>Aphelecoma s. arizonae</i>	♀ ad.	do
9666	<i>Xanthocephalus xanthocephalus</i>	♂ ad.	do
9667	<i>Cathartes aura</i>	? juv.	do
9668	<i>Accipiter cooperi</i>	♀ juv.	do
9669	<i>Scolecophagus cyanocephalus</i>	♀	Oct. 2, 1893.
9670	<i>Harporhynchus c. palmeri</i>	♀	do
9671	<i>Falco sparverius deserticolus</i>	♂ ad.	do
9672	" " "	♀ ad.	do
9673	<i>Colaptes cafer</i>	♂ ad.	do
9674	<i>Otocoris a. adusta</i>	♂ ad.	do

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

West side of San Luis Mts.	350	655	210	182	13	57	46
do	220	390	123	82	25	21	22
do	186	340	105	72	20	18.5	19
do	183	305	98	75	14.5	31	23
do	176	332	112	72	11	20	20
do							
do	132	212	68	61	9.2	17	14
do	133	203	65	61	9.4	17.5	14.5
do	136	217	70	64	9.7	19	14.6
do	141	214	69	63	10	16.5	15
do							
do	99	118	48	29	17.5	—	—
do	660	1335	445	285	69	64	64
do	680	1780	563	300	27	70	90
Animas Valley, Chihuahua. Monument No. 67.	338	617	192	82	55	55	36
do	303	492	154	70	70	42	33
do	407	645	192	87	44	33	45
West side San Luis Mts. Animas Valley, Chihuahua Monument No. 67	331	507	165	153	26.5	41	34
do	176	331	112	78	10.7	20	19
W. Side of San Luis Mts.	93	108	42	27	16	—	—
do	141	214	66	60	10	15	14
do	226	415	135	93	24	21	22
do	325	500	163	160	28	40	35.5
San Luis Spring, Mont. No. 66	280	453	152	120	23	37	38
W. Side of San Luis Mts.	700	1770	520	310	25	67	90
Guadalupe Cañon, MEX. B.D. LINE	480	840	265	250	17	64	55
San Luis Spring, Mont. No. 66	235	377	123	96	21	32	28
W. Side San Luis Mountains.	—	—	—	—	30	34	31
do	282	595	197	148	11	37	30
do	283	620	210	148	12.3	37	30
Guadalupe Cañon, MEX. B.D. LINE	318	515	165	128	32.5	27	31
Animas Valley, MEX. B.D. LINE	179	336	108	78	11	21	19



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Tail	Culmen	Tarsus	15 Middle toe and claw	
9675		<i>Ammodramus bairdii</i>	♂ ad.	Oct. 2, 1893.	Animas Valley, MEX. B.D.Y. LINE.	147	244	74	56	11.3	21	21
9676		"	♀ ad.	do	do	139	237	72	56	11.2	20.5	19
9677		"	♀ ad.	do	do	131	231	70	53	11.3	20.5	19.5
9678		<i>Accipiter cooperi</i>	♀ juv.	Oct. 3, 1893.	Hall's Ranch, Guadeloupe Cañon	470	800	253	238	18	68	54
9679		<i>Colaptes cafer</i>	♀ ad.	do	do	312	520	166	120	32	25	29
9680		<i>Melanerpes uropygialis</i>	♂ ad.	do	do	250	430	133	95	28	23	28
9681		<i>Zonotrichia l. intermedia</i>	im.	do	do							
9682		<i>Hirundo mexicanus</i>	♀	Oct. 4, 1893.	San Bernardino River, Sonora	340	655	208	75	56	96	42
9683		"	imm?	do	do	352	667	210	72	57	100	45
9684		<i>Melanerpes uropygialis</i>	♀ ad.	do	Guadeloupe Cañon, Sonora.	232	409	126	79	24	22	27
9685		"	♂ ad.	do	do	260	438	135	99	29	23.5	27.5
9686		"	♂ ad.	do	do	263	442	138	101	30	23	28
9687		<i>Ammodramus s. perpallidus</i>	♂ ad.	do	do	135	216	66	50	11.7	19.5	19.5
9688		<i>Peucaea</i>	♂	do	do	160	218	67	71	13.3	22	20
9689		<i>Icterus cucullatus nelsoni</i>	♂ ad.	do	do	218	285	94	102	20.5	24	22.5
9690		<i>Piranga ludoviciana</i>	♀ ad.	do	do	182	286	92	73	15.5	21	20
9691		<i>Helminthophila celata</i>	♀ ad.	do	do	106	183	58	50	10	17.3	14.5
9692		<i>Regulus calendula</i>	♀	do	do							
9693		<i>Tyrannus vociferans</i>	♂ ad.	do	do	237	417	133	102	20	19.5	20.5
9694		<i>Ceryle alcyon</i>	♂ ad.	do	San Bernardino River, M.B. L.	340	565	165	106	50	18.2	24
9695		<i>Anas cyanoptera</i>	♀	Oct. 5, 1893.	do	390	645	193	86	42.5	32	43
9696		<i>Bataurus lentiginosus</i>	♂ ad.	do	do	675	1080	295	100	76	93	101
9697		<i>Aquila chrysaetos</i>	♀ ad.	Oct. 4, 1893.	San Bernardino River, Sonora	900	2225	665	400	41	106	109
9698		<i>Cathartes aura?</i>	♂? juv.	do	Guadeloupe Cañon, M.B. L.	630	1675	510	290	22	63	84
9699		<i>Plegadis guarauna</i>	♀ juv.	do	San Bernardino River	503	905	256	97	92	86	75
9700		"	♀ juv.	do	do	503	900	252	102	95	83	73
9701		"	♂ juv.	do	do	570	950	262	108	122	103	84
9702		"	♀ juv.	do	do	508	917	258	107	93	89	76
9703		"	♀ juv.	do	do	517	910	262	100	109	85	76
9704		<i>Gallinula galeata</i>	♀ ad.	Oct. 7, 1893.	do	330	553	173	77	28	51	72
9705		"	♀ im.	do	do	338	540	165	74	30.5	51	72
9706		"	♀ im.	do	do							



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Wing	Tail	Culmen	Throat	Middle toe and claw
9707		<i>Sayornis saya</i>	♂ ad.	Oct. 6, 1893.	San Bernardino River						
9708		<i>Harporthynchus crissalis</i>	♂	Oct. 7, 1893.	do.						
9709		<i>Pencaea cassini?</i>	♀ ad.	do	Sulphur Spring Valley						
9710		<i>Pencaea arizonae</i>	♀	do	do						
9711		<i>Phainopepla nitens</i>	♂ ad.	do	do						
9712		<i>Cistiophorus palustris paludicola</i>	♀ ad.	do	San Bernardino River.						
9713		<i>Geothlypis trichas occidentalis</i>	♂ juv.	do	do.						
9714		<i>Ammodramus sandwichensis alaudinus</i>	♂ ad.	do	Sulphur Spring Valley						
9715		" " "	♀ ad.	do	do						
9716		<i>Poocætes gramineus confinis</i>	♂ ad.	do	do						
9717		<i>Plegadis guarauna</i>	♂ juv.	Oct. 5, 1893.	San Bernardino River						
9718		" "	♀ juv.	do	do						
9719		" "	♀ juv.	do	do						
9720		<i>Chordeiles acutipennis texensis</i>	♀	do	do						
9721		<i>Piranga rubra cooperi</i>	♂ ad.	July 29, 1893.	San Pedro River, Sonora.	208	333	107	91	20.3	20
9722		<i>Colaptes cafer</i>	♂ ad.	Oct. 17, 1893.	Huachuca Mts., Arizona.	340	553	180	135	40	28
9723		<i>Dryobates villosus hyloscopus</i>	♂ ad.	do	do	227	400	126	82	26	23
9724		<i>Sitta pygmaea</i>	♂ ad.	do	do	112	210	68	37	13	15
9725		<i>Sitta carolinensis nuda</i>	♂ ad.	do	do	151	282	94	55	22	17.5
9726		<i>Bryanocitta stelleri macrolopha</i>	♂ ad.	do	do	314	460	148	138	27	41
9727		" " "	♀ ad.	do	do	301	442	144	138	27	40
9728		<i>Myadestes townsendii</i>	♂ ad.	do	do	220	357	120	108	13	21
9729		<i>Aythya americana</i>	♂ juv.	do	do						
9730		<i>Aythya collaris</i>	♀ ad.	Oct. 20, 1893.	Santa Cruz, Sonora.						
9731		<i>Gallinago delicata</i>	♂	do	do						
9732		<i>Rhynchophanes macconnii</i>	♀	do	do						
9733		<i>Ammodramus sandwichensis alaudinus</i>	♀	do	do						
9734		" " "	♂	do	do						
9735		<i>Bryanocitta stelleri macrolopha</i>	♂	Oct. 18, 1893.	Huachuca Mts., Miller's Cañon						
9736		" " "	♀	do	do						
9737		" " "	♂ juv.	do	do						
9738		" " "	♂	do	do						
9739		" " "	♀	Oct. 19, 1893.	do						



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
9739		<i>Icthyophaga stelleri maculophaga</i>	♀	Oct. 19, 1893.	Siemega, Barbaconon Creek.							
9740		<i>Sphyrapicus varius michali</i>	♂ ad.	Oct. 18, 1893.	Miller's Cañon, Huachuca Mts.							
9741		" " "	♀ ad.	do	do							
9742		<i>Empidonax fulvifrons</i>	♀ ad.	do	do							
9743		<i>Icterus parisorum</i>	♂ ad.	(18) do	do							
9744		<i>Dryobates callaris bairdi</i>	♀ ad.	Oct. 21, 1893.	Town of Santa Cruz, Sonora.	180	326	102	72	19	17	18.5
9745		<i>Salpinctes obsoletus</i>	♂ ad.	Oct. 22, 1893.	do	198	343	110	88	13	20.5	17
9746		<i>Spizella socialis arizonae</i>	♀ ad.	do	do							
9747		" " "	♀ juv.	do	do							
9748		<i>Tyrannus vociferans</i>	♂ im.	do	do							
9749		" " "	♂ ad.	Oct. 23, 1893.	Santa Cruz River, Sonora.	232	418	131	102	18.5	20	21
9750		<i>Falco sparverius deserticolus</i>	♂ ad.	do	do	273	587	194	146	12.3	35	32
9751		<i>Melanerpes uropygialis</i>	♀ ad.	do	do	243	415	130	95	26.5	22	26.5
9752		<i>Melanerpes formicivorus bairdi</i>	♂ ad.	do	do	240	398	146	93	26.5	21	24
9753		<i>Corvus corax sinuata</i>	♀ ad.	do	do	625	1240	405	253	68	67	68
9754		<i>Geococcyx californianus</i>	♂ juv.	do	do	612	565	190	325	48	64	45
9755		<i>Sphyrapicus varius michali</i>	♂ ad.	Oct. 24, 1893.	do	218	396	128	84	23	21	22
9756		<i>Buteo borealis calurus</i>	♂ juv.	do	do	520	1220	575	235	23	80	65
9757		<i>Zenaidura macroura</i>	ad.	Oct. 25, 1893.	Nogales, Sonora.	320	460	156	156	15	21	27
9758		<i>Colaptes cafer</i>	♀ ad.	do	do	320	530	167	130	34	29	33
9759		<i>Melanerpes formicivorus bairdi</i> <sup>aculeatus</sup>	♂ ad.	do	do	243	460	147	90	25	21	24
9760		" " "	♂ ad.	do	do	240	456	147	90	26	21.5	26
9761		" " "	♀ ad.	do	do	240	453	143	92	23	20	24
9762		" " "	♀ ad.	do	do	240	455	144	92	24	20.5	24.5
9763		<i>Pooecetes gramineus confinis</i>	♂ ad.	do	do	170	279	86	74	12	22	20
9764		" " "	♂ ad.	do	do	162	270	84	68	11.8	22	20
9765		<i>Spizella socialis arizonae</i>	♀ juv.	do	do							
9766		" " "	♂ juv.	do	do	130	202					
9767		<i>Parus wollweberi</i>	♀ ad.	do	do	130	202	63	60	8	16.3	15
9768		<i>Junco caniceps</i>	♂ ad.	Oct. 26, 1893	do	161	245	78	77	12	20	18
9769		<i>Salpinctes obsoletus</i>	♀ (ad?)	do	do							
9770		" " "	♂ ad.	do	do	155	238	74	59	20	22	19



Museum No.	Collector's No.	Name	Sex and Age	Date
9771		<i>Pipilo maculatus megalonyx</i>	♂ ad.	Oct. 26, 1893.
9772		<i>Spizella socialis arizonae</i>	♂ juv.	do
9773		<i>Aphelocoma sieberii arizonae</i>	♂	Oct. 27, 1893.
9774		<i>Sphyrapicus varius nuchalis</i>	♂	do
9775		<i>Gonotrichia leucophrys intermedia</i>	♀ ad.	do
9776		<i>Phainopepla nitens</i>	♂ juv.	do
9777		<i>Merula migratoria propinqua</i>	♀ ad.	Oct. 28, 1893.
9778		<i>Columbigallina passerina pallescens</i>	♂ ad.	do
9779		<i>Sphyrapicus varius nuchalis</i>	♀ ad.	do
9780		<i>Callipepla gambeli</i>	♂ ad.	Oct. 29, 1893
9781		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
9782		<i>Accipiter cooperi</i>	♂ juv.	Nov. 5, 1893.
9783		<i>Sturnella</i>	♀ ad.	Nov. 10, 1893.
9784		<i>Poliophtila plumbea</i>	♀	do
9785		"	?	do
9786		<i>Spizella breweri</i>	♂	do
9787		<i>Scardafella inca</i>	♀ ad.	do
9788		"	♂ ad.	do
9789		"	♂ ad.	do
9790		"	♀ ad.	do
9791		"	♀ ad.	do
9792		"	♂ ad.	do
9793		<i>Sitta carolinensis aruleata</i>	♂ ad.	do
9794		<i>Tyrannus vociferans</i>	♀ ad.	do
9795		<i>Chondestes grammacus strigatus</i>	♂ ad.	do
9796		<i>Junco hyemalis</i>	♂ ad.	Nov. 12, 1893.
9797		<i>Harporhynchus crissalis</i>	♂ ad.	Nov. 13, 1893.
9798		<i>Melospiza lincolni</i>	♂ ad.	do
9799		<i>Pipilo chlorurus</i>	♂ ad.	do
9800		<i>Ammodramus sandwichensis claudineus</i>	♂ ad.	do
9801		<i>Columbigallina passerina pallescens</i>	♂ ad.	do
9802		"	♂ ad.	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Mogales, Sonora.	222	288	91	114	14	27	28.5
do							
do	336	520	168	155	29.5	44	37
do	212	396	129	86	21	21.5	22.5
do	171	245	79	77	11.7	23.5	22.5
do	184	286	89	86	11	17	18
Julie Kaim (Guadalupe), Santa Cruz River, Ariz.	270	425	137	111	20	33	28
do	174	278	89	66	12	16	18.5
do	220	400	128	86	22	21	22
20 miles south of Tucson on Santa Cruz R.	290	383	120	113	11	33	38
do							
Tucson, Arizona							
St. Lowell, Arizona.	237	382	118	78	28	40	33
do	121	156	48	53	11	17	12
do	121	161	50	55	11	19	12
do	138	200	63	65	9	18	17
Tucson, Arizona.	210	284	91	98	12.8	16	20
do	210	290	91	97	13	17	21.5
do	205	287	93	100	13.3	15	20
do	215	284	93	107	12	16	20
do	215	285	92	106	13	16	20
do	215	283	92	105	13	16	20
do	151	280	95	55	20	16	20
do	220	386	125	92	20	18	22
do	178	290	94	76	14	21	21
do	161	250	80	73	11	21	20
do	309	328	100	141	34	35	31
do	149	211	66	64	11.2	21	21
do	190	250	77	90	13.3	26	24
do	142	234	72	53	11	20	19.5
do	171	280	90	64	11	16	18
do	168	273	90	65	11	15.5	18



Museum No. Collector No.

Name

Sex and Age

Date

9803	<i>Pyrrhuloxia sinuata beckhami</i>	♂ ad.	Nov. 13, 1893.
9804	" " "	♂ ad.	do
9805	<i>Troglodytes aedon aztecus</i>	♂ ad.	do
9806	<i>Corvus corax sinuata</i>	♀ ad.	do
9807	" " "	♂ juv.	do
9808	" " "	♂ ad.	do
9809	<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do
9810	<i>Scardafella inca</i>	♂ ad.	Nov. 14, 1893
9811	" " "	♂ ad.	do
9812	" " "	♀ ad.	do
9813	" " "	♀ juv.	do
9814	<i>Callipepla gambeli</i>	♂ ad.	Nov. 16, 1893.
9815	" " "	♀ ad.	do
9816	<i>Pyrrhuloxia sinuata beckhami</i>	♀ ad.	do
9817	<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	do
9818	" " "	♀ juv.	do
9819	<i>Falco sparverius deserticolus</i>	♀ -	do
9820	<i>Accipiter cooperi</i>	♂ juv.	do
9821	<i>Spizella breweri</i>	♀ ad.	do
9822	<i>Harporhynchus curvirostris palmeri</i>	♂ ad.	do
9823	<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do
9824	<i>Troglodytes aedon aztecus</i>	♂ ad.	do
9825	<i>Accipiter velox</i>	♀ im.	Nov. 20, 1893.
9826	<i>Callipepla gambeli</i>	♂ ad.	do
9827	" " "	♀ ad.	do
9828	<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do
9829	<i>Anas strepera</i>	♀ ad.?	do
9830	<i>Spatula clypeata</i>	♀ ad.	do
9831	<i>Anas carolinensis</i>	♂ juv.	do
9832	<i>Anas boschas</i>	♀ ad.	do
9833	<i>Charitonetta albeola</i>	♂ ad.	do
9834	<i>Anas boschas</i>	♂ ad.	do

Am. Mus.

131447

Am. Mus.

Locality

Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
222	307	98	112	15.5	26	25
227	297	94	115	16	25	23.5
126	172	51	49	13.2	17	16
590	1190	390	243	59	63	59
596	1207	393	240	59	68	67
618	1260	405	255	67	67	63
232	323	101	103	16	26	23.7
216	297	95	106	11.3	15.7	20
217	291	92	102	12.2	16.6	21
211	290	92	98	12.8	15.5	19.2
286	378	118	108	12.6	32	36
280	378	119	108	12	31	37
215	290	92	104	15	24.5	23
268	590	193	140	13	36	34.3
293	352	109	127	34	32	32
358	680	215	178	12	57	47
290	383	118	106	12.3	32	35
285	375	116	103	12	30	36
235	330	103	108	16	27.5	25
480	835	250	92	41	38	51
450	746	220	84	57	37	48
370	625	187	85	36	32	42
560	940	277	111	56	44	63
373	613	176	88	29	34	58

Fort Lowell, Arizona.

Silver Lake, Tucson, Arizona.

Fort Lowell, Arizona



Museum No. Collector's No.

Name

Sex and Age

Date

Locality

Length

Alar expanse

Wing

Tail

Culmen

Tarsus

Middle toe and claw

9835	<i>Anas carolinensis</i>	♀ ad.	Nov. 20, 1893.
9836	<i>Melanerpes uropygialis</i>	♂ ad.	do
9837	"	♀ ad.	do
9838	<i>Urubitinga anthracina</i>	ad.	?
9839	<i>Micropallas whitneyi</i>	ad.	?
9840	<i>Asio wilsonianus</i>	♂ ad.	Nov. 26, 1893
9841	<i>Ammodramus sandwichensis alaudinus</i>	♀ ad.	do
9842	<i>Troglodytes aedon aztecus</i>	♂ ad.	do
9843	"	♀ ad.	do
9844	<i>Pooecetes gramineus confinis</i>	♂ ad.	do
9845	<i>Sturnella</i>	♀ ad.	do
9846	<i>Columbigallina passerina pallescens</i>	♂ ad.	do
9847	"	♀ ad.	do
9848	<i>Egialitis montana</i>	♀ ad.	Nov. 29, 1893.
9849	<i>Spizella socialis arizonae</i>	♂ im.	Nov. 30, 1893.
9850	<i>Salpinctes obsoletus</i>	♂	do
9851	<i>Spizella socialis arizonae</i>	♂ im.	Dec. 1, 1893.
9852	<i>Aphelocoma woodhouseii</i>	♂	do
9853	<i>Sphyrapicus varius nuchalis</i>	♂ ad.	do
9854	<i>Aphelocoma sieberii arizonae</i>	♂ ad.	do
9855	<i>Falco sparverius deserticolus</i>	♂ ad.	do
9856	<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do
9857	<i>Colaptes cafer</i>	♀ ad.	do
9858	<i>Zenaidura macroura</i>	♂ ad.	do
9859	"	♂ ad.	do
9860	<i>Spizella socialis arizonae</i>	♂ juv.	do
9861	<i>Sialia arctica</i>	♂ ad.	Dec. 2, 1893.
9862	"	♂ ad.	do
9863	<i>Sialia mexicana bairdi</i>	♂ ad.	do
9864	<i>Falco sparverius deserticolus</i>	♀	do
9865	<i>Oxybates scalaris bairdi</i>	♂ ad.	do
9866	<i>Corpodacus mexicanus frontalis</i>	♂ ad.	do

Fort Lowell, Arizona.

do

do

Santa Catalina Mts., E. side.

Tucson, Arizona.

do

do

do

do

do

do

do

do

5 m. north of Arivaca on a desert plain.

Warsaw Mills, Arizona.

do

do

nearest monument.

do

do

do

do

do

do

do

do

do

do

do

do

do

do

do

239	487	154	71	24	37	23
150	233	71	56	17	23	18
71	M.					
291	389	125	141	26	42	27
220	400	130	84	23.5	21	23
331	506	164	152	30	43	35
275	592	197	137	12.5	37	33
230	327	103	107	17	27	24
326	520	170	123	39	30	33
310	460	154	158	13	23	26
315	458	150	150	15	23	27
182	334	117	74	13	22	20
190	350	119	74	13	21.3	21
170	335	108	70	12	20	20
275	580	196	138	12	36	30
190	340	108	68	22	19.3	21
158	250	80	69	10.2	17	19



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
9867		<i>Carpodacus mexicanus frontalis</i>	♀ ad.	Dec. 2, 1893.	Warsaw Mills, Arizona	158	250	79	70	11	17	19
9868		<i>Chondestes grammacus strigatus</i>	♂ ad.	Dec. 3, 1893.	do	174	277	90	76	13	23	20
9869		"	♀ ad.	do	do	168	244	89	73	13	22	20
9870		<i>Apelocoma woodhousei</i>	♀	do	do	298	402	128	139	27	43	32
9871		"	♀ ad.	do	do	300	400	130	148	26	38	30
9872		<i>Cyanocitta stelleri macrolopha</i>	♂ ad.	do	do	309	470	150	138	29	43	32
9873		"	♂ ad.	do	do	319	467	150	143	31	43.5	34
9874		"	♂ ad.	do	do	328	482	155	149	30.5	43.5	33
9875		"	♀ ad.	do	do	310	457	148	137	29	41	31
9876		"	♀ ad.	do	do	308	470	149	138	27.5	44	32
9877		"	♂ ad.	do	do	311	453	145	135	30	42.5	31
9878		<i>Falco sparverius deserticolus</i>	♂ ad.	do	do	270	585	195	132	12.5	36	32
9879		<i>Sphyrapicus varius nuchalis</i>	♂	do	do	216	395	130	90	21	20	21.5
9880		<i>Melanerpes torquatus</i>	♂ im.	do	do							
9881		<i>Melanerpes formicivorus aculeatus</i>	♂ ad.	do	do	239	450	142	90	—	21	24
9882		"	♀ ad.	do	do	230	450	142	90	25.5	20	22.5
9883		<i>Chondestes grammacus strigatus</i>	♀ ad.	do	do	175	279	90	74	12.5	20	21
9884		<i>Sayornis saya</i>	♀ ad.	do	do	198	342	110	87	16.5	21	18.5
9885		<i>Phainopepla nitens</i>	♂	do	do	N. M.						
9886		<i>Parus wollweberi</i>	♀	do	do	126	196	61	58	9	15.5	14
9887		<i>Saltriparus santaritae</i>	♀	Dec. 4, 1893	do	115	158	51	57	7	16	13
9888		<i>Sialia mexicana bairdi</i>	♂ ad.	Dec. 5, 1893.	do	180	334	112	71	11	19.5	19
9889		"	♂ ad.	do	do	181	339	115	74	11.3	21	20
9890		"	♂ ad.	do	do	175	328	109	72	12	20.8	20
9891		<i>Sialia arctica</i>	♂ ad.	do	do							
9892		"	♂ ad.	do	do							
9893		<i>Spizella socialis arizonae</i>	? juv.	do	do							
9894		"	♂ juv.	do	do							
9895		<i>Poocates gramineus confinis</i>	? ad.	do	do	165	280	87	71	12	22	20.5
9896		<i>Pipilo maculatus megalonyx</i>	♂	do	do	219	282	88	108	15.2	27	27
9897		"	♂	do	do	220	293	91	110	14.3	29	27
9898		<i>Cyanocitta stelleri macrolopha</i>	♂ ad.	do	do	319	474	150	138	30	44	35



Museum No.	Collector's	Name	Sex and Age	Date
9899		<i>Cyanocitta stelleri maculophaga</i>	♀ ad.	Dec. 5, 1893.
9900		" "	♀ ad.	do
9901		" "	♂ ad.	do
9902		" "	♂ ad.	do
9903		" "	♀ ad.	do
9904		<i>Apelocoma woodhousei</i>	♂ ad.	do
9905		<i>Apelocoma sieberii arizonae</i>	♂ ad.	do
9906		" "	♂ ad.	do
9907		" "	♀ ad.	do
9908		<i>Colaptes cafer</i>	♂ ad.	do
9909		<i>Melospiza leucophaea</i>	♀ ad.	do
9910		<i>Mimus polyglottos</i>	♂ ad.	do
9911		<i>Melanerpes torquatus</i>	♂ juv.	do
9912		" "	♀ ad.	do
9913		" "	♂ juv.	do
9914		" "	♀ ad.	do
9915		<i>Melanerpes formicivorus aculeatus</i>	♂ ad.	do
9916		" "	♂ ad.	do
9917		" "	♂ im.	do
9918		" "	♂ ad.	do
9919		" "	♂ ad.	do
9920		" "	♀ ad.	do
9921		" "	♀ ad.	do
9922		<i>Buteo borealis calurus</i>	♂ ad.	do
9923		<i>Lanius ludovicianus excubitorides</i>	♂ ad.	Dec. 7, 1893.
9924		<i>Pyrocephalus rubinus mexicanus</i>	♂ ad.	do
9925		<i>Mimus polyglottos</i>	♂ ad.	do
9926		<i>Helodytes brunneicapillus</i>	♂ ad.	Dec. 8, 1893.
9927		<i>Otocoris</i>	♀	do
9928		<i>Dryobates scalaris bairdi</i>	♂ ad.	do
9929		<i>E. gyalitis montana</i>	♂	do
9930		" "	♂	do

Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe and claw
Warsaw, Pima Co., Ariz., altitude 4225 ft.	300	446	142	136	28	42	32
do	300	455	149	136	27	42.5	33
do	321	480	154	143	30.7	44	34.5
do	310	470	150	140	29.5	42	33
do	297	435	140	134	27	39	31
do	306	407	131	143	28	41	30
do	340	538	173	152	31	47	38
do	340	550	170	159	29	44	36
do	338	527	169	155			
do	346	560	177	136	37	33	33.5
do	296	488	163	112	20.5	25	30
do	255	363	116	122			
do							
do	272	541	170	109	27	25	29
do							
do	275	540	170	102	28.5	26.5	29
do	237	457	143	87	24.5	23	25
do	245	460	147	97	26.5	21.5	25
do							
do	236	445	142	85	26	21.5	25.5
do	239	450	140	88	25	22	23
do	230	438	135	81	26	19.5	23
do	233	450	143	90	23	20	23.5
do	547	1305	408	242	26.5	88	61
Oro Blanco, Pima Co., Ariz.	241	337	109	112	17	30	23
do	152	263	82	63	10.5	16.5	14
do	265	367	120	129	15	36	27.5
En Route between Oro Blanco + Sturgis Ranch, Pima Co., Arizona. Near Buenos Ayres	219	290	90	88	23	30	28
do	171	315	103	70	10	22	17
do	199	329	108	73	22	20	20
do	237	481	150	69	20	41	25
do	233	478	150	72	21	40	24



Museum No. Collector's No.

Name

Sex  
and  
Age

Date

9931

*E. gyalitis montana*

♀

Dec. 8, 1893

9932

" "

♀

do

9933

" "

♂ ad.

do

9934

" "

♀

do

9935

*Buteo borealis calurus*

♀ ad.

do

9936

*Phainopepla nitens*

♀

Dec. 10, 1893.

9937

*Harporhynchus bendirei*

♀

do

9938

*Oroscoptes montanus*

♀ ad.

do

9939

*Sayornis saya*

♀ ad.

do

9940

" "

♂ ad.

do

9941

*Sialia arctica*

♂ ad.

do

9942

*Poocaetes gramineus confinis*

♀

do

9943

*Lanius ludovicianus excubitorides*

♂ ad.

do

9944

*Poliophtila melanura*

♀ ad.

do

9945

*Oroscoptes montanus*

♂ ad.

Dec. 11, 1893

9946

*Corvus corax sinuata*

♀ ad.

do

9947

*Mimus polyglottos*

♂ ad.

do

9948

*Phainopepla nitens*

♂ ad.

Dec. 12, 1893.

9949

*Oroscoptes montanus*

♂

do

9950

*Sialia arctica*

♂

do

9951

" "

♂

do

9952

*Aquila chrysaetos*

♂ ad.

Dec. 13, 1893.

9953

*Cathartes aura*

♀ ad.

do

9954

*Oroscoptes montanus*

♀

do

9955

" "

♂

do

9956

*Dryobates scalaris bairdi*

♀ ad.

do

9957

*Sturnella magna mexicana*

♂? ad.

Dec. 14, 1893.

9958

*Sialia arctica*

♀ ad.

do

9959

*Harporhynchus crissalis*

♂ ad.

do

9960

*Sturnella magna mexicana*

?

Dec. 15, 1893

9961

*Helodytes brunneicapillus*

♂

do

9962

*Dryobates scalaris bairdi*

♀ ad.

do

Locality

En Route between Oro Blanco + Sturgis Ranch,  
Pima Co., Arizona. Near Buenos Ayres.

Length

Alar  
expanse

Wing

Tail

Culmen

Tarsus

Middle toe  
and claw

272

505

165

73

22

40

265

246

500

155

71

21

40

26

249

505

162

74

22

42

26

248

499

160

76

20

37

25

La Osa, Pima Co., Arizona.

585

1420

430

268

28

94

70.5

197

285

88

89

10

19.5

19

256

331

101

115

22

36.5

29

217

314

99

93

16

32

24

191

319

105

86

15.5

21

16

196

330

108

88

15

22

18

185

357

121

75

12

25

22.5

156

260

84

71

10.5

23

19

227

318

103

108

15

30

23

118

148

48

56

9

17

12

221

318

101

95

14

33

25

630

13.35

432

269

68

68

65

265

382

122

132

18

37

28

199

280

92

100

10.5

17

19

223

324

103

100

17

32

23

187

335

115

78

12

22

19

185

348

118

75

13

23

19

Buenos Ayres

835

2006

614

377

52

107

99

685

—

548

310

25

66

93

220

322

104

99

17

30

24

229

324

104

97

17

33

26

184

325

108

75

20

18

18

260

415

130

86

33

38

32

170

340

118

72

13

24

20

314

333

107

157

39

35

29

260

426

130

86

31.5

39.5

34

220

293

92

91

22

28

26

180

326

103

72

19

16.7

19



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	17 Middle toe and claw
9963		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	Dec. 15, 1893.	La Osa, Pima Co., Arizona.	220	311	98	109	15.3	27	25
9964		"	♂	do	La Osa, Sturgis Ranch, Pima Co., Ariz.	216	300	93	111	15	25.5	25
9965		<i>Chondestes grammacus strigatus</i>	♀	do	do	172	275	86	76	13	20	20
9966		<i>Sialia arctica</i>	♀ ad.	do	do	188	355	117	77	12.2	22	21
9967		<i>Harporhynchus bendirei</i>	♂	do	do	273	350	112	128	23.5	33	31
9968		<i>Falco mexicanus</i>	♀ ad.	do	do	483	1100	350	213	22	63	65
9969		<i>Egialitis montana</i>	♀ ad.	do	Buenos Ayres, Pima Co., Arizona.	227	486	155	65	20	40	24
9970		"	♀ ad.	do	do	225	474	148	69	20	39	21
9971		"	♀ ad.	do	do	249	502	161	77	22	40	24
9972		"	♀ ad.	do	do	246	485	147	77	22	40	24
9973		"	♀ ad.	do	do	240	434	155	71	22	39	24
9974		<i>Otocoris alpestris arenicola</i>	♀ ad.	do	do							
9975		<i>Pipilo fuscus mesoleucus</i>	♀ im.	Dec. 16, 1893.	La Osa, Sturgis Ranch, Pima County, Arizona.	N.M.						
9976		<i>Harporhynchus crissalis</i>	♂ ad.	do	do	306	326	102	143	36	34	30
9977		<i>Callipepla gambeli</i>	♂ ad.	do	do	300	380	118	112	11	33.5	38
9978		<i>Melanerpes uropygialis</i>	♂ ad.	do	do	261	440	137	95	29	21.5	29
9979		<i>Calamospiza melanocorys</i>	♀ ad.	Dec. 17, 1893.	do							
9980		"	♀ ad.	do	do	177	276	87	75	15	25	22
9981		"	♂ ad.	do	do	183	298	93	78	14.5	23.3	23.5
9982		"	♂ ad.	do	do							
9983		<i>Sialia arctica</i>	♂ ad.	do	do	195	364	123	83	14.8	23	22
9984		<i>Helodytes brunneicapillus</i>	♂ ad.	do	do	211	283	89	85	23	27	25
9985		<i>Nyctala acadica</i>	♀ ad.	do	do	214	480	148	80	11	24	—
9986		<i>Mimus polyglottos</i>	♂ ad.	Dec. 18, 1893.	do	276	380	122	140	18	35	29
9987		<i>Sialia arctica</i>	♂ ad.	do	do	190	360	122	82	12.5	29	21
9988		"	♂ ad.	do	do							
9989		"	♀ ad.	do	do	185	337	114	73	13	21.5	21.2
9990		<i>Melanerpes uropygialis</i>	♀ ad.	do	do	248	430	132	93	27.5	22.8	27
9991		<i>Calcarinus ornatus</i>	♂ ad.	do	Buenos Ayres, Pima Co., Arizona.	157	277	89	66	10.8	27	19.7
9992		"	♂ ad.	do	do	153	271	84	61	10.9	20.3	19.3
9993		"	♂ ad.	do	do	152	275	87	64	10.4	19.5	19
9994		"	♂ ad.	do	do	156	281	89	63	10	20	19.7



Museum No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	175 toe middle toe anterior
9995		<i>Calcarurus ornatus</i>	♂ ad.	Dec. 18, 1893.	Buenos Ayres, Pima Co., Ariz.	154	272	85	63	10	20.5	19.5
9996		" "	♀	do	do	145	261	81	58	10.5	18	18
9997		" "	♀	do	do	145	259	81	59	10.3	19	20
9998		" "	♀	do	do	155	277	87	61	10.8	21.3	20
9999		" "	♀	do	do	149	268	85	59	11	19.8	19
10000		" "	♀	do	do	139	249	78	54	10.5	18	18
10001		" "	♀	do	do	148	262	83	59	10.2	19.2	19
10002		<i>Rhynchophanes meadowii</i>	♀ ad.	do	do	150	275	85	55	11.5	19	18.2
10003		<i>Otocoris alpestris arenicola</i>	♀ ad.	do	do	167	308	97	69	11	20	17.5
10004		<i>Sturnella magna neglecta</i>	♂ ad.	do	do	271	430	132	90	33.5	39	35
10005		<i>Scolecophagus cyanocephalus</i>	♀ ad.	do	do	233	376	120	95	20	32	27.5
10006		<i>A. gialitis vocifera</i>	♂ ad.	do	do	252	500	162	102	19	35	26
10007		<i>A. gialitis montana</i>	♂ ad.	do	do	243	505	154	73	23	43	24.5
10008		" "	♂ ad.	do	do	247	510	162	79	21	44	26
10009		<i>Tringa minutilla</i>	♀ ad.	do	do	148	289	90	41	18	19	19.5
10010		" "	♀ ad.	do	do	156	300	92	47	19	19	19
10011		" "	♂	do	do							
10012		" "	♀	do	do							
10013		" "	♂ ad.	do	do	149	282	89	44	17	19	19.5
10014		" "	♂	do	do							
10015		" "	♀	do	do							
10016		" "	♂ ad.	do	do	146	282	88	43	15.7	20	20.3
10017		" "	♀ ad.	do	do	152	295	93	43	18	19.3	19
10018		<i>Sialia arctica</i>	♂ ad.	Dec. 19, 1893.	La Osa, Pima Co., Arizona.	195	366	124	84	13	22	22
10019		" "	♀ ad.	Dec. 21, 1893.	do							
10020		" "	♀ ad.	do	do	171	332	112	72	12	21	20
10021		<i>Helodytes brunneicapillus</i>	♂ ad.	do	do	223	294	95	90	23	32	25
10022		<i>Sialia arctica</i>	♂ ad.	Dec. 22, 1893.	do	189	361	121	81	13	22	20
10023		" "	♀ ad.	do	do	187	345	104	72	13.5	23	21.7
10024		<i>Dryobates scalaris bairdi</i>	♂ ad.	do	do	185	340	108	67	21.5	20	19.3
10025		<i>Sturnella magna mexicana</i>	♀ ad.	do	do	246	393	123	80	30	39	28
10026		<i>Phainopepla nitens</i>	♀ ad.	do	do	199	293	91	93	11	20	17.5



MUSEUM No.	Collector's No.	Name	Sex and Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	MIDDLE TOE
	10027	<i>Calamospiza melanocorys</i>	♀ ad.	Dec. 22, 1893.	La Osa, Pima Co., Ariz.	173	277	75	71	14	26	22
	10028	<i>Mimus polyglottos</i>	♀ ad.	do	do	252	356	113	124	17	32	31
	10029	<i>Asio wilsonianus</i>	♂ ad.	do	do	350	950	299	155	19	41	42
	10030	"	♂ ad.	do	do	357	950	293	165	17	41	40
	10031	<i>Helodytes brunneicapillus</i>	♀ ad.	Dec. 24, 1893.	do	215	282	89	93	20.5	26	25
	10032	<i>Pipilo fuscus maculatus</i>	♀ ad.	do	do	218	291	88	106	14	26	26
132676	10033	<i>Callipepla gambelii</i>	♂ ad.	Dec. 26, 1893.	do	288	382	116	107	11	32	35
132679	10034	"	♂ ad.	do	do	284	383	118	111	11	32.5	35.5
	10035	<i>Oryzobates scalaris bairdi</i>	♀ ad.	Dec. 28, 1893.	Sturges's Well, 2 miles west of Poso Verde, Pima Co., Arizona.	183	335	103	70	20.5	17	18.5
	10036	<i>Melanerpes uropygialis</i>	♀ ad.	Dec. 29, 1893	Papago Village, west of Sabaree's Ranch, Pima Co., Arizona.	240	420	131	93	25	23	27
	10037	<i>Phainopepla nitens</i>	♂ ad.	do	do	214	301	96	108	12	19	18.3
	10038	<i>Otocoris alpestris arenicola</i>	♂ ad.	do	do	173	320	103	73	20	21.5	18.5
	10039	<i>Spizella breweri</i>	♂ ad.	do	do	140	203	63	68	9.7	18	16
	10040	"	♀ ad.	do	do	138	204	63	66	9.6	18	16
	10041	<i>Falco sparverius deserticolus</i>	♂ ad.	do	Poso de Luis or Yaqui Lewis's Pima Co., Arizona.	266	560	184	131	11.7	38	32
	10042	<i>Colaptes chrysoides</i>	♀ ad.	Dec. 30, 1893.	do	308	497	155	113	38	29	32
	10043	<i>Harporhynchus curvirostris palmeri</i>	♀ ad.	do	do	300	373	120	137	30	-	31
	10044	<i>Colaptes chrysoides</i>	♀ ad.	do	do	300	482	150	112	34.5	28	31.5
	10045	<i>Melanerpes uropygialis</i>	♀ ad.	do	do	247	425	131	92	26	22.5	27
	10046	<i>Carpodacus difficilis</i>	♂ ad.	do	do	144	220	68	62	12	18	13.5
	10047	<i>Poliophtila plumbea</i>	♀ ad.	do	do	112	151	46	51	10	18.5	12
	10048	<i>Mimus polyglottos</i>	♂ ad.	do	do	265	372	119	130	18.3	33	29
	10049	<i>Callipepla gambelii</i>	♂ ad.	do	do	286	380	116	112	11.2	31	36
	10050	"	♂ ad.	do	do	285	377	118	115	11.2	31	35
	10051	"	♀ ad.	do	do	272	373	117	102	11	32.5	35
	10052	"	♀ ad.	do	do	288	386	120	109	11	33	36
	10053	"	♀ ad.	do	do	295	394	122	111	12	33	37
	10054	<i>Harporhynchus curvirostris palmeri</i>	♀ ad.	Dec. 31, 1893.	do	290	353	108	126	28	33	32
	10055	<i>Harporhynchus bendirei</i>	♀ ad.	do	do	275	361	112	120	25	34	32
	10056	<i>Auriparus flaviceps</i>	♂ ad.	Jan. 1, 1894	do	115	175	55	51	8.5	17	13
	10057	<i>Amphispiza bilineata</i>	♂ ad.	do	do							
	10058	"	♂ ad.	do	do							



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle Toe & Claw
10058		<i>Amphispiza bilineata</i>	?	Jan. 1, 1894.	Poso de Luis, or Yaqui Lewis's, Pima Co., Arizona.							
10060		<i>Spizella breweri</i>	♂ ad.	do	do							
10061		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do	do							
10062		<i>Heleodytes brunneicapillus</i>	♂ ad.	do	do							
10063		<i>Callipepla gambelii</i>	♂ ad.	do	do							
10064		<i>Melanerpes uropygialis</i>	♂ ad.	Jan. 2, 1894.	do	253	421	131	92	28	25	26
10065		<i>Pipilo fuscus mesoleucus</i>	♂	Jan. 2, 1894.	do	229	314	93	15	15	27	25
10066		<i>Mimus polyglottos</i>	♂	do	do	266	360	116	128	17.5	33	26
10067		<i>Salpinctes obsoletus</i>	♂ ad.	do	do	153	234	95	58	17	22	18
10068		<i>Carpodacus mexicanus frontalis</i>	♂ ad.	do	do	150	250	78	61	10	18	19
10069		" " "	♂ ad.	Jan. 3, 1894.	do	154	248	80	67	11.2	17.5	18.5
10070		<i>Colaptes chrysoides</i>	♂ ad.	Jan. 3, 1894.	do	304	470	151	112	39	28	30
10071		<i>Arporhynchus curvirostris palmeri</i>	♂ ad.	do	do	299	364	115	132	33	34	32.5
10072		<i>Pipilo fuscus mesoleucus</i>	♂ ad.	do	do	226	309	95	110	16	25.5	27
10073		<i>Polioptila melanura</i>	♂ ad.	do	do	120	160	52	54	10.5	16.5	12
10074		<i>Auriparus flaviceps</i>	♂ ad.	do	do	115	176	53	53	9	15.5	12
10075		<i>Parabuteo unicinctus harrisi</i>	♂ ad.	do	do	580	1230	373	270	26	94	67
10076		<i>Myiarchus cinerascens</i>	♂ ad.	Jan. 4, 1894.	do	220	322	102	99	17	25	17.5
10077		<i>Dryobates scalaris bairdi</i>	♂ ad.	Jan. 4, 1894.	do	177	223	105	67	18.5	21	19
10078		<i>Lanius ludovicianus</i>	♂ ad.	do	do	239	328	103	110	16	30	22
10079		<i>Melanerpes uropygialis</i>	♂ ad.	do	do	247	422	131	95	26	24	26
10080		<i>Colaptes chrysoides</i>	♂ ad.	do	do	301	480	153	106	37	31	33
10081		" "	♂ ad.	do	do	303	485	151	100	37	31	33
10082		<i>Corvus corax sinuatus</i>	♂ ad.	Jan. 5, 1894.	do	590	1200	405	248	63	65	61
10083		" "	♂ ad.	Jan. 5, 1894.	do	615	1250	420	245	67	68	62
10084		<i>Heleodytes brunneicapillus</i>	♂ ad.	do	do	218	242	92	89	22	29	27
10085		<i>Numenius longirostris</i>	♂ ad.	Jan. 8, 1894.	Nea Nari's, Pima Co., Arizona.	572	975	276	118	148	87	49
10086		" "	♂ ad.	Jan. 8, 1894.	do	523	930	269	114	120	82	42
10087		" "	♂ ad.	do	do	553	962	277	114	136	80	45
10088		<i>Sturnella magna neglecta</i>	♂ ad.	do	do	275	428	130	88	35	40	38
10089		<i>Egialitis montana</i>	♂ ad.	Jan. 9, 1894.	Santa Rosa Mts., about 10 miles E. of Sonoyta, Sonora.	241	500	155	70	21	42.5	23
10090		" "	♂ ad.	do	do	337	485	149	70	22	39	23.5



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw
	10091	<i>Egialitis montana</i>	♂ ad.	Jan. 9, 1894.	Santa Rosa Mts. about 10 miles east of Sonoyta, Sonora.	232	486	151	69	21	42.5	25
	10092	" "	♂ ad.	do	do	233	485	148	68	21.7	41.5	23.5
	10093	<i>Polyborus cheriway</i>	♂ ad.	do	Sonoyta, Sonora.	589	1285	404	<del>240</del> 240	33	92	70
	10094	<i>Spatula clypeata</i>	♂ ad.	Jan. 11, 1894.	do	473	760	225	91	64	39	42
	10095	<i>Pyrocephalus rubinus mexicanus</i>	♂ ad.	do	do	153	268	84	64	12	16	14.5
	10096	<i>Myiarchus cinerascens</i>	♂ ad.	do	do	225	336	106	104	18	22.5	20
	10097	<i>Sayornis nigricans</i>	♂ ad.	Jan. 12, 1894.	do	183	296	91	83	15	19	16.5
	10098	" "	♂ ad.	do	do	190	291	93	87	15	18.5	16
	10099	<i>Egialitis vocifera</i>	♂ ad.	do	do	263	517	166	106	22	37	25
	10100	<i>Cyanocitta stelleri</i>	♂ ad.	do	do	310	468	150	140	27.5	24	32
	10101	<i>Anthus pensilvanicus</i>	♂ ad.	do	do	167	273	87	68	12.2	22	18.6
	10102	<i>Scothlypis trichas occidentalis</i>	♂ ad.	do	do	140	187	58	59	12	22	17.5
	10103	<i>Troglodytes aëdon aztecus</i>	♂ ad.	do	do	129	175	54	53	12	18	15
	10104	<i>Polioptila plumbea</i>	♂ ad.	do	do	116	154	48	56	10	17.7	11.7
	10105	" "	♂ ad.	do	do	112	146	45	51	9.7	17.5	11.8
	10106	<i>Sayornis nigricans</i>	♂ ad.	do	do	193	302	94	87	14.7	20	16
	10107	<i>Melospiza fasciata fallax</i>	♂ ad.	do	do	167	220	68	77	12	21.5	22
	10108	<i>Oroscoptes montanus</i>	♂ ad.	do	do	232	316	102	103	18	30	25
	10109	<i>Agelaius phoeniceus sonoriensis</i>	♂ ad.	do	do	198	330	104	81	18	25	26
	10110	" " "	♂ ad.	do	do	213	358	115	89	20.3	28.5	26.5
	10111	" " "	♂ ad.	do	do	202	334	108	86	19	27	26
	10112	" " "	♂ ad.	do	do	<del>212</del> 212	<del>339</del> 339	<del>110</del> 110	<del>86</del> 86	<del>20</del> 20	—	—
	10113	" " "	♂ ad.	do	do	212	339	110	86	20	27.5	29
	10114	" " "	♂ ad.	do	do							
	10115	<i>Anas carolinensis</i>	♂ ad.	do	do	353	575	171	76	35	31	38
	10116	" "	♂ ad.	do	do	405	620	196	90	40.5	34	44
132680	10117	<i>Callipepla gambelii</i>	♂ imm.	do	do							
	10118	<i>Scireus hudsonius</i>	♂ juv.	do	do							
	10119	<i>Pipilo chlorurus</i>	♂ ad.	Jan. 13, 1894.	do	192	267	73	95	12.7	24	25
	10120	<i>Myiarchus cinerascens</i>	♂ ad.	do	do	221	327	105	102	18	24	19
	10121	<i>Harporhynchus curvirostris palmari</i>	♂ ad.	do	do	284	354	110	124	30.5	32	31.5
	10122	<i>Glaucoideum phalaenoides</i>	♂ ad.	do	do	181	370	104	76	23	23	25.5



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle Toe	Retr. Toe
10123		<i>Melospiza lincolni</i>	♂ ad.	Jan. 13, 1894.	Donoyta, Sonora.	142	209	66	60	10.5	20	18.5	
10124		<i>Sialia arctica</i>	♂ ad.	do	do								
10125		" "	♀ ad.	do	do	186	344	115	73	12.5	24	21.5	
10126		<i>Polioptila plumbea</i>	♂	do	do	113	151	48	52.5	9.5	17	12	
10127		<i>Anas americana</i>	♂ ad.	do	do	517	890	265	120	40	43	56	
10128		<i>Harporthynchus curirostris palmeri</i>	♂ ad.	do	do	293	350	110	133	30	32	30	
10129		" " "	♀ ad.	do	do	294	358	108	125	30	35	33	
10130		" " "	♂ ad.	do	do	303	370	114	134	32.5	35	32	
10131		" " "	♀ ad.	do	do	295	358	112	131	31	33	30	
10132		<i>Harporthynchus crissalis</i>	♂ ad.	do	do	316	334	105	154	35.5	33	30	
10133		<i>Regulus calendula</i>	♂ ad.	do	do	115	175	60	48	—	18	13	
10134		<i>Melospiza fasciata fallax</i>	♀ ad.	do	do	152	201	61	68	12	21	20	
10135		<i>Amphispiza belli</i>	♀ ad.	do	do	160	229	73	73	11	20.5	18	
10136		<i>Melanerpes uropygialis</i>	♂ ad.	do	do	255	437	138	97	29.5	22.5	28	
10137		" "	♀ ad.	do	do	253	437	135	94	26	22	28.5	
10138		<i>Oryzobates scalaris bairdi</i>	♂ ad.	do	do	187	327	103	69	23	17	19	
10139		<i>Callipepla gambelii</i>	♂ ad.	do	do	283	375	121	113	12	31	35	
10140		<i>Carpodacus mexicanus frontalis</i>	♂ ad.	do	do	153	248	77	63	11	16	17.5	
10141		<i>Troglodytes aedon aztecus</i>	♂ ad.	do	do	125	170	51	50	14	18	16	
10142		<i>Cistothorus palustris palaudicola</i>	♂ ad.	Jan. 14, 1894	do	138	185	58	53	15	20	17	
10143		<i>Polioptila plumbea</i>	♂ ad.	do	do	119	159	48	53	10.3	18.5	12	
10144		<i>Auriparus flaviceps</i>	♀ ad.	do	do	112	174	52	52	8.5	16	13.7	
10145		<i>Dendroica auduboni</i>	♀ ad.	do	do	140	223	72	58	11	19	16.5	
10146		<i>Phainopepla nitens</i>	♂ ad.	do	do	201	293	93	99	10	18.5	19	
10147		<i>Merula migratoria propinqua</i>	♂ ad.	do	do	263	430	140	111	19.5	33	30	
10148		<i>Sayornis nigricans</i>	♂ ad.	do	do	189	302	95	87	16	18.5	16.5	
10149		<i>Sayornis saya</i>	♂ ad.	do	do	199	335	107	87	15	22	17.5	
10150		<i>Pyrocephalus rubinus mexicanus</i>	♀ ad.	do	do	150	260	81	66	12	16	14.5	
10151		<i>Pipilo fuscus mesoleucus</i>	♀ ad.	do	do	236	318	103	120	15	26.5	26.5	
10152		<i>Ammodramus sandwicensis alaudinus</i>	♂ ad.	do	do	147	243	76	60	11.5	21	20	
10153		<i>Melospiza fasciata montana</i>	♀ ad.	do	do	163	217	68	73	12	22	21	
10154		<i>Melospiza fasciata fallax</i>	♂ ad.	do	do	164	215	66	77	12	22	21	



Museum No.	Collector's No.	Name	Sex & age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw	Weight
	10155	<i>Melospiza fasciata fallax</i>	♀ ad.	Jan. 14, 1894	Sonoyta, Sonora.	157	205	62	68	12	21.5	20.5	1
	10156	<i>Pipilo chlorurus</i>	♀	Jan. 15, 1894	do								2
	10157	<i>Ammodramus sandwichensis alaudinus</i>	♂ ad.	do	Sonoyta River, Sonora, Mex.	146	242	77	57	10.5	22	19.5	1
	10158	<i>Corvus corax sinuatus</i>	♀ ad.	do	do	620	1270	418	260	69	68	65	8
	10159	<i>Buteo borealis calurus</i>	♀ ad.	do	do	570	1380	430	253	28	90	70	5
	10160	" " "	♂ ad.	do	Santo Domingo, Sonora.	560	1310	405	240	28	88	65	6
	10161	<i>Falco mexicanus</i>	♀ ad.	do	do	560	1103	354	220	23.7	63	67	1
	10162	<i>Callipepla gambelii</i>	♂ ad.	do	do	288	385	121	108	11.3	33	36	1
	10163	<i>Pipilo chlorurus</i>	♂ ad.	do	Sonoyta, Sonora.	195	259	82	91	13.5	23	24	1
	10164	<i>Pyrocephalus rubinus mexicanus</i>	♂ ad.	do	do	156	275	85	67	12	17	16	
	10165	<i>Chondestes grammacus strigatus</i>	♀ ad.	do	Santo Domingo, Sonora.	170	274	87	73	14	20.5	20.5	
	10166	" " "	♀ ad.	do	do	172	271	85	76	13.3	21.3	21	
	10167	" " "	♀ ad.	do	do	177	277	88	74	13.5	20	20	2
	10168	<i>Pyrocephalus rubinus mexicanus</i>	♂ ad.	Jan. 16, 1894.	Sonoyta, Sonora.	154	273	86	66	13	17	15.5	
	10169	<i>Anas carolinensis</i>	♂ ad.	do	do	382	618	187	85	38.5	33.5	43	
	10170	" " "	♂ ad.	do	do	<del>382</del> 366	<del>618</del> 615	<del>187</del> 185	<del>85</del> 84	36	<del>33.5</del> 33	<del>43</del> 43.5	
	10171	" " "	♂ ad.	do	do	366	615	190	84	36	33	43.5	
	<del>10172</del>	<i>Melanerpes uropygialis</i>	♀ ad.	do	do	241	420	129	93	27.5	22	27	
	10173	<i>Sayornis saya</i>	♂ ad.	do	do	200	343	111	91	14.4	21	18	
	10174	<i>Helodytes brunneicapillus</i>	♀ ad.	do	do	210	276	87	85	22	27	23.7	
	10175	<i>Pipilo maculatus</i>	♂ ad.	do	do	220	283	90	109	14.5	28	29	5
	10176	<i>Harporhynchus curvirostris palmeri</i>	♀ ad.	Jan. 17, 1894.	do	<del>297</del> 336	336	105	125	29.5	30	30	
	10177	<i>Colaptes cafer</i>	♀ ad.	do	do	336	540	170	128	38	30	34	
	10178	<i>Pipilo chlorurus</i>	♂ ad.	do	do	197	268	83	98	13.5	25	26	4
	10179	<i>Anas carolinensis</i>	♀ ad.	do	do	365	595	179	83	36	33	43	5
	10180	<i>Harporhynchus curvirostris palmeri</i>	♂ ad.	do	do	298	365	113	133	32	34	34	5
	10181	<i>Spizella breweri</i>	♀ ad.	do	do	139	201	63	67	9	18	17	
	10182	<i>Auriparus flaviceps</i>	♂ ad.	do	do	114	177	53	52	8	16	13	
	10183	<i>Parabuteo unicinctus harrisi</i>	♀ ad.	do	do	576	1255	385	287	28	91	70	
	10184	<i>Colaptes chrysoides</i>	♂ ad.	do	do	291	465	142	101	38	30	33	
	10185	<i>Falco sparverius deserticolus</i>	♂ ad.	do	do	260	540	176	127	13	35	31	
	10186	<i>Dafila acuta</i>	♀ ad.	Jan. 18, 1894	do	546	857	247	140	47	43	56	



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe to claw	1st toe
10187	10187	<i>Sturnella magna neglecta</i>	♂ ad.	Jan. 18, 1894.	Donoyta, Sonora.	261	422	130	86	35	39	36	9
10188		<i>Sayornis saya</i>	♂ ad.	do	do	203	338	107	90	15.5	21	17	2
10189		<i>Oafila acuta</i>	♂ ad.	Jan. 19, 1894	do	550	865	253	138	48	44	55	1
10190		<i>Sturnella magna neglecta</i>	♂ ad.	do	do	255	417	180	85	34	39	32	8
10191		<i>Leococcyx californianus</i>	♂ ad.	do	do	585	548	175	305	54	61	42	5
10192		<i>E. g. alitis vocifera</i>	♀ ad.	do	do	260	525	172	105	21	36	23	6
10193		<i>Colaptes chrysoides</i>	♀ ad.	do	do	300	474	145	107	38	28	29	1
10194		<i>Callipepla gambelii</i>	♀ ad.	do	do	280	375	116	106	11	31	35	7
10195		<i>Oroscoptes montanus</i>	♂ ad.	do	do	233	323	103	101	18	31	25	4
10196		<i>Oryzates scalaris bairdi</i>	♀ ad.	do	do	184	327	104	72	20	17	18	
10197		<i>Salpinctes obsoletus</i>	♀ ad.	do	do	148	229	70	54	18	21.5	18	5
10198		<i>Auriparus flaviceps</i>	♀ ad.	do	do	113	173	54	52	9	16	13	0
10199		<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	do	do								2
10200		<i>Amphispiza bilineata</i>	♀ ad.	do	do	141	208	65	66	11.5	19	17	5
10201		<i>Spizella breweri</i>	♂ ad.	do	do	139	200	61	64	9	17	16.5	
10202		<i>Gallinago delicata</i>	♀ ad.	do	do	297	455	142	67	70	35	40	
10203		" "	♂ ad.	do	do	276	436	135	67	64	29	34	
10204		" "	♂ ad.	Jan. 20, 1894.	do	278	452	137	65	67	35	38	
10205		<i>Pipilo fuscus mesoleucus</i>	♀ ad.	do	do								0
10206		<i>Zonotrichia leucophrys intermedia</i>	♀ ad.	do	do	169	237	75	74	11.2	21.5	22	0
10207		<i>Harporhynchus curvirostris palmeri</i>	♂ ad.	do	do	305	377	116	134	33	36	34	5
10208		" "	♀ ad.	do	do	285	356	111	126	31	33.5	31	0
10209		<i>Scolecophagus cyanocephalus</i>	♂ ad.	do	do	250	404	131	106	21	33	28	
10210		<i>Merula migratoria propinqua</i>	♂ ad.	Jan. 21, 1894	do	264	411	142	108	19.5	33	29	4
10211		<i>Aeronautes melanoleucus</i>	♂ ad.	do	do	152	340	139	60	5.8	9	10	5
10212		" "	♂ ad.	do	do	152	327	138	60	6	9.2	10.3	5
10213		" "	♀ ad.	do	do	160	340	140	61	6	9	12	5
10214		<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	Jan. 22, 1894	do								
10215		<i>Polioptila plumbea</i>	♂ ad.	do	do	118	-	-	-	-	-	-	
10216		<i>Troglodytes aëdon aztecus</i>	♀ ad.	do	do	130	175	53	52	12.8	17	16.7	0
10217		" "	♂ ad.	do	do	124	171	52	48	13.4	17	16	
10218		<i>Salco sparrow deserticolus</i>	♀ ad.	do	do	267	583	190	131	13	39	32	



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw	Id. w.
	10219	<i>Pipilo chlorurus</i>	♀ ad.	Jan. 22, 1894	Sonoyta, Sonora.	192	252	78	92	12	24	23	9
	10220	" "	♀ ad.	Jan. 23, 1894	do	188	250	78	91	13.2	25	22.5	2
	10221	<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	do	do								1
	10222	<i>Buteo borealis calurus</i>	♀ ad.	Jan. 25, 1894	Quito bagueta, Pima Co., Ariz.	575	1380	420	275	29	92	70	.8
	10223	<i>Callipepla gambelii</i>	♀ ad.	Jan. 26, 1894	do	282	376	115	107	11	31	35	.5
	10224	<i>Carpodacus mexicanus frontalis</i>	♀ ad.	do	do	150	244	77	60	11	19	18.5	6
	10225	" "	♂ im.	do	do								7
	10226	<i>Anas carolinensis</i>	♂ ad.	Jan. 28, 1894	do	380	612	187	88	38	32	42	9
	10227	<i>Merula migratoria propinqua</i>	♀ ad.	do	do	265	420	136	97	21.5	35	29	4
	10228	<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do	do	238	328	103	106	16.3	27	23	
	10229	<i>Melanerpes uropygialis</i>	♀ ad.	Jan. 29, 1894	do	242	425	131	92	25	25	28	.5
	10230	<i>Gallinago delicata</i>	♀ ad.	do	do	290	446	137	68	67	31	36	0
	10231	<i>Melanerpes uropygialis</i>	♂ ad.	do	do	256	444	138	96	29.5	24.5	28	.2
	10232	<i>Harporhynchus</i>	♂ ad.	do	do	290	356	109	123	31.5	33.5	31	5
	10233	<i>Falco sparverius deserticolus</i>	♂ ad.	do	do	265	560	183	132	11	38	33	
	10234	<i>Oreodytes</i>	♂ ad.	Jan. 30, 1894	do	130	268	55	51	12	18	16	
	10235	<i>Oreodytes brunnicapillus</i>	♂ ad.	do	do	224	297	93	94	24	29	26.5	0
	10236	<i>Zonotrichia leucophrys intermedia</i>	♀ juv.	do	do								4
	10237	<i>Oreoscoptes montanus</i>	♂	do	do	225	320	101	105	18	29	24.5	0
	10238	" "	♀	Jan. 31, 1894	do	221	310	97	96	17	30.5	23.5	0
	10239	<i>Zonotrichia leucophrys intermedia</i>	♀	do	do								.5
288177	10240	<del><i>Polioptila plumbea</i> (crown black)</del>	♀ ad.	do	do	Preserved in alcohol. No. of metal tag, 19							
	10241	<del><i>Oreodytes brunnicapillus</i></del>	♂ ad.	do	do	209	280	86	85	22	29	25	0
	10242	<i>Polioptila plumbea</i> (crown black)	♂ ad.	do	do								5.4
	10243	<i>Sturnella magna neglecta</i>	♀ ad.	Febr. 1, 1894	do	238	380	116	78	31	36	33	.5
	10244	<i>Harporhynchus</i>	♂ ad.	do	do	297	360	112	131	29	35	33	.5
	10245	<i>Colaptes chrysoides</i>	♀ ad.	do	do	298	481	150	106	35	26	31	.5
	10246	<i>Melanerpes uropygialis</i>	♂ ad.	do	do	272	456	139	99	32	24	30	
	10247	<i>Phainopepla nitens</i>	♂ ad.	do	do	202	298	96	102	10	17	17	
	10248	<i>Sayornis nigricans</i>	♂ ad.	do	do	201	311	100	91	13	20	16	0
	10249	<i>Salpinctes obsoletus</i>	♂ ad.	do	do	152	235	74	50	18.5	20	19	.6
	10250	<i>Egialitis vocifera</i>	♀ ad.	Feb. 2, 1894	do	260	530	171	105	20.5	38	26	.7



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	1911 Made to claw.
10251		<i>Mimus polyglottos</i>	♂ ad.	Febr. 2, 1894.	Quinto Baquita, Pima Co., Arizona.	273	377	124	135	17.5	32	29
10252		<i>Colaptes chrysoides</i>	♂ ad.	do	do	300	475	149	109	37	27	32
10253		<i>Zonotrichia leucophrys intermedia</i>	♀ ad.	do	do	166	239	75	72	12	22	21
10254		<i>Poliophtila plumbea</i> (crown blue)	♂ ad.	do	do	115	151	49	54	9.5	16.5	11.8
10255		<i>Heleodytes brunneicapillus</i>	♂ ad.	Febr. 3, 1894.	do	220	302	92	94	24	30	26.5
10256		<i>Spizella breweri</i>	♂ ad.	do	do	140	203	63	65	10	17	16.6
10257		<i>Accipiter velox</i>	♂ ad.	do	do	287	580	187	160	10	49	38
10258		<i>Harporhynchus crissalis</i>	♀ ad.	do	do	303	325	100	142	33	31	29
10259		<i>Zenaidura macroura</i>	♂ ad.	Febr. 4, 1894.	do	323	457	154	167	14	22	24
10260		<i>Ardea herodias</i>	♀ juv.	do	do							
10261		<i>Oreoscoptes montanus</i>	♂ ad.	Febr. 5, 1894.	do	227	330	103	100	16.5	32	25
10262		<i>Cathartes aura</i>	♀ ad.	do	do	685	1770	525	300	26	64	90
10263		<i>Sayornis saya</i>	♂ ad.	do	do	200	341	108	91	14	21	17.2
10264		<i>Corvus corax sinuatus</i>	♂ ad.	Febr. 7, 1894.	do	630	1290	437	275	68	70	65
10265		<i>Numenius longirostris</i>	?	Febr. 9, 1894.	do	Head & neck preserved.						
10266		<i>Sialia arctica</i>	♂ ad.	Febr. 10, 1894.	Tule Wells, Yuma County, Ariz.	193	360	121	80	12.7	24	—
10267		<i>Corvus corax sinuatus</i>	♀ ad.	Febr. 11, 1894.	do	582	1240	412	240	64	64	60
10268		<i>Lanius ludovicianus excubitorides</i>	♀ ad.	Febr. 12, 1894.	do	224	320	98	98	15.2	26.3	24
10269		<i>Mimus polyglottos</i>	♀ ad.	do	do	275	380	121	137	16	33	30
10270		<i>Phainopepla nitens</i>	♂ ad.	do	do	214	303	97	104	10.3	19	20
10271		<i>Amphispiza belli nevadensis</i>	♀ ad.	Febr. 13, 1894.	do	167	243	77	77	11	21.5	18.5
10272		" "	♀ ad.	do	do	164	238	76	75	11	21.5	19
10273		<i>Merula migratoria propinqua</i>	♂ ad.	Febr. 16, 1894.	Senaju Alta.	266	440	144	113	21	35.5	30
10274		<i>Melanerpes uropygialis</i>	♀ ad.	do	do	240	417	129	93	26	22	25.4
10275		<i>Sialia mexicana bairdi</i>	♂ ad.	do	do	175	224	111	72	11.7	19	19.5
10276		<i>Phainopepla nitens</i>	♂ ad.	do	do	206	297	94	100	11.2	19	18.5
10277		<i>Helminthophila celata lutescens</i>	♂ ad.	do	do	128	192	63	52	11	18	15
10278		<i>Leucophaea costae</i>	♂ ad.	do	do	90	113	44	25	17		
10279		" "	♀ ad.	do	do	96	117	47	28	18.3		
10280		<i>Corvus corax sinuatus</i>	♂ ad.	Febr. 18, 1894.	do	608	1325	440	263	68	70	60
10281		<i>Sayornis saya</i>	♀ ad.	do	do	187	316	104	<del>185</del> 85	13.5	19	16
10282		<i>Amphispiza bilineata</i>	? ad.	Febr. 19, 1894.	do	148	220	68	68	11.5	19	17



Museum No.	Collector's No.	Name	Sex & Age	Date	Locality	Length	Alar Expanse	Wing	Tail	Culmen	Tarsus	Middle toe & Claw
10283		<i>Zonotrichia leucophrys intermedia</i>	♂ juv.	Feb. 19, 1894.	Tenapi Alta.							
10284		<i>Lanius ludovicianus excubitorides</i>	♂ ad.	Feb. 20, 1894.	do	235	325	102	104	17	27	23
10285		<i>Oroscoptes montanus</i>	♂ ad.	do	do	229	327	102	162	16.5	31	25.5
10286		<i>Calypptae costae</i>	♂ ad.	do	do							
10287		" "	♂ ad.	do	do							
10288		<i>Regulus calendula</i>	♀ ad.	do	do							
10289		<i>Polioptila plumbea</i>	♀ ad.	do	do	113						
10290		<i>Auriparus flaviceps</i>	♂ ad.	do	do							
10291		<i>Corvus corax sinuatus</i>	♂ ad.	do	do	620	1295	430	258	68	67	65
10292		<i>Calypptae costae</i>	♂ ad.	Feb. 21, 1894.	do							
10293		<i>Egialitis vocifera</i>	♀ ad.	Feb. 25, 1894.	Adonde, Yuma Co., Arizona	263	520	170	105	19.5	34.5	26
10294		" "	♂ ad.	do	do	261	507	165	104	21	39	27
10295		<i>Tringa minutilla</i>	♀ ad.	do	do	149	287	90	43	17.5	20	20
10296		<i>Zonotrichia l. intermedia</i>	♀ juv.	do	do							
10297		" " "	♀ ad.	do	do	165	240	75	73	11	22.5	21
10298		<i>Polioptila plumbea</i>	♂	do	do							
10299		" "	♂ juv.	do	do							
10300		" "	♀ ad.	do	do							
10301		<i>Auriparus flaviceps</i>	♂ ad.	do	do	102	171	52	49	8	16	13.3
10302		<i>Lanius ludovicianus excubitorides</i>	♀ ad.	do	do	234	324	105	110	16	27	23
10303		<i>Harporhynchus crissalis</i>	♀ ad.	do	do	314	326	101	149	35	32.5	29
10304		<i>Helminthophila celata</i>	♂ ad.	do	do	131	197	62	52	11.5	19	16
10305		<i>Callipepla gambelii</i>	♂ ad.	Feb. 26, 1894.	do	293	373	118	111	11	34	37
10306		<i>Helodytes brunneicapillus</i>	♂ ad.	Feb. 27, 1894.	do	220	300	98	90	23	29	26
10307		<i>Pipilo alberti</i>	♀ ad.	do	do	235	290	97	117	17	28	28
10308		" "	♀ ad.	do	do	233	310	96	120	16	29	28
10309		<i>Amphispiza belli nevadensis</i>	♀ ad.	do	do	159	242	76	74	10.6	20.7	18
10310		" " "	♀ ad.	do	do	155	227	72	74	10	19	18
10311		<i>Empidonax griseus</i>	♂ ad.	do	do	152	242	74	65	12	18.4	13.5
10312		<i>Sayornis nigricans</i>	♂ ad.	Feb. 28, 1894.	do	193	308	97	86	15.5	20	16
10313		<i>Helgidopteryx serripennis</i>	♂ ad.	do	do	141	325	120	58	7	10.4	14
10314		<i>Pipilo alberti</i>	♂ ad.	March 1, 1894	Lakes between Adonde & Lila City, Arizona	232	300	95	116	16	28	27



Museum No.	Collector's No.	Name	Sex & age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw
10315		<i>Podilymbus podiceps</i>	♀ ad.	Mar. 1, 1894	Lakes between Adonde + Gila City, Arizona	325	550	127	48	20	40	60
10316		<i>Fulica americana</i>	♂ ad.	do	do	403	720	205	66	45	62	88
10317		<i>Anas boschas</i>	♂ ad.	Mar. 2, 1894.	Gila City, Yuma Co., Ariz.	570	925	270	106	57	47	62
10318		<i>Anas carolinensis</i>	♀ ad.	do	do	382	613	183	86	37.5	32	42
10319		<i>Cathartes aura</i>	♀ ad.	do	do	640	1710	523	290	24	59	82
10320		<i>Falco mexicanus</i>	♀ ad.	do	do	495	1135	363	223	25	62	66
10321		<i>Sturnella</i>	♀ ad.	do	do	239	388	118	74	33	37	35
10322		"	♀ ad.	do	do	235	390	120	73	30	36	31
10323		<i>Auriparus flaviceps</i>	♂ ad.	do	do	112	173	52	51	9	17	13.5
10324		<i>Poliophtila plumbea</i>	♂ ad.	do	do	117	151	46	54	9.7	17	12
10325		"	♂ ad.	do	do	115	156	47	55	10	18	12
10326		"	♀ ad.	do	do	120	150	47	55	9.7	17	11.5
10327		"	♀ ad.	do	do	114	149	46	52	9	17	11.5
10328		<i>Zonotrichia leucophrys intermedia</i>	♂ juv.	do	do							
10329		<i>Amphispiza belli nevadensis</i>	♂ ad.	do	do	157	233	74	73	10	20	19
10330		<i>Pipilo alberti</i>	♂ ad.	do	do	237	302	97	125	16	29	28
10331		"	♀ ad.	do	do	229	288	88	114	16	28	27
10332		"	♂ ad.	do	do	241	308	97	124	16	28.5	27
10333		"	♀ ad.	do	do							
10334		<i>Zonotrichia leucophrys intermedia</i>	♂ juv.	Mar. 3, 1894.	do							
10335		"	♂ juv.	do	do							
10336		<i>Lanius ludovicianus excubitorides</i>	♂ ad.	Mar. 4, 1894.	do							
10337		<i>Anas boschas</i>	♀ ad.	Mar. 5, 1894.	do	565	895	265	76	53	44	62
10338		<i>Colaptes cafer</i>	♀ ad.	do	do	345	555	173	137	40	30.5	34
10339		<i>Myiarchus cinerascens</i>	♂ ad.	do	do	222	330	102	99	20	23.5	19
10340		<i>Geococcyx californianus</i>	♂ ad.	Mar. 10, 1894.	Yuma, Arizona	375	525	173	309	50	62	43
10341		<i>Oroscoptes montanus</i>	♂ ad.	do	do	222	312	100	95	18	32	24
10342		<i>Zonotrichia leucophrys intermedia</i>	♀ ad.	do	do	166	241	76	75	11	24	22
10343		<i>Pipilo alberti</i>	♀ ad.	do	do	211	271	89	110	15	28.5	27.5
10344		<i>Phainopepla nitens</i>	♂ ad.	do	do	217	308	102	108	10	18.3	19
10345		<i>Dendroica auduboni</i>	♂	do	do	147	240	78	63	10	18.3	16
10346		<i>Merula migratoria propinqua</i>	♀ ad.	do	do	267	418	130	110	21.5	33	31



Museum No.	Collector's No.	Name	Sex & age	Date	Locality	Length	Alar expanse	Wing	Tail	Culmen	Tarsus	Middle toe & claw
10347		<i>Falco mexicanus</i>	♂ ad.	Mar. 9, 1894.	Yuma, Yuma Co., Ariz.	410	945	310	187	19	55	58
10348		<i>Speotyto c. hypogea</i>	♀ ad.	do	do	—	—	—	—	—	—	—
10349		<i>Pipilo aberti</i>	♀ ad.	Mar. 12, 1894.	do	229	281	88	110	16	28	26.5
10350		<i>Parabuteo u. harrisi</i>	? ad.	Mar. 13, 1894.	do	<del>368</del>	—	—	—	—	—	—
10351		<i>Ceryle alcyon</i>	♀ ad.	do	do	368	590	170	107	65	12	26.5
10352		<i>Otocoris a.</i>	♂ ad.	do	do	173	328	104	71	13	21	17
10353		<i>Melanerpes uropygialis</i>	♂ ad.	do	do	253	435	132	90	39	22.5	28
10354		"	♂ ad.	do	do	260	433	133	95	31.5	21.2	27.5
10355		<i>Corvus ossifragus</i>	♂ ad.	Mar. 14, 1894.	Mon. No. 204 at the Colorado River.	452	895	295	188	43	57	50
10356		<i>Agelaius p. sonoriensis</i>	♀ ad.	do	do	198	332	105	76	19	26	28.7
10357		"	♀ ad.	do	do	200	343	108	80	20	26	28
10358		<i>Myiarchus cinerascens</i>	♂ ad.	Mar. 13, 1894.	Between Yuma and Monument No. 204.	222	333	103	100	17	23	19
10359		<i>Pooecetes gr. confinis</i>	? ad.	do	do	162	259	80	68	11.8	20	20
10360		<i>Junco hyemalis shufeldti</i>	♀ ad.	do	do	158	240	76	69	12.	20.5	20
10361		<i>Pyrocephalus r. mexicanus</i>	♂ ad.	Mar. 14, 1894.	Mon. No. 204 at the Colorado River.	151	258	82	64	11.5	16.3	14
10362		<i>Helminthophila luciae</i>	♂ ad.	do	do	117	187	58	47	9	16	13
10363		<i>Melospiza f. fallax</i>	♂ ad.	do	do	158	217	65	73	12	21	21
10364		"	♂ ad.	do	do	165	217	68	77	13	21.5	21.5
10365		<i>Pipilo aberti</i>	♀ ad.	do	do	221	275	85	111	16	26.5	26
10366		"	♂ ad.	do	do	238	295	92	118	17	28.5	28
10367		<i>Sayornis nigricans</i>	♀ ad.	do	do	183	286	90	82	14	17.5	15
10368		<i>Dryobates scalaris bairdi</i>	♀ ad.	do	do	182	325	100	68	20	18	17
10369		<i>Regulus calendula</i>	♂ ad.	do	do	117	189	60	48	8	21	13
10370		<i>Zonotrichia leucophrys intermedia</i>	—	Mar. 17, 1894	do	—	—	—	—	—	—	—
10371		<i>Pipilo chlorurus</i>	♀ ad.	do	do	188	250	78	93	13	24	24
10372		<i>Corvus corax sinuatus</i>	♀ ad.	do	do	570	1185	390	238	60	61	61
10373		"	ad.	Mar. 18, 1894.	do	Preserved in alcohol. METAL TAG No. 74						
10374		<i>Zonotrichia leucophrys intermedia</i>	juv.	do	do	do " No. 75.						
10375		<i>Sturnella neglecta</i>	♂ ad.	Mar. 19, 1894	do	253	410	126	82	35	40	34.5
10376		<i>Dendrocygna fulva</i>	♂ ad.	do	Colorado River at Mon. No. 205.	480	885	225	75	47	57	81
10377		<i>Tringa minutilla</i>	♀ ad.	do	do	147	285	88	41	19	18	18
10378		"	♂ ad.	do	do	146	280	87	41	16	20	19.5



First Bird on Bound Survey No. 7566 Febr. 1, 1892  
 Last " " " " 10789 May 5, 1894  
 Total number on my register 3224 birds  
 " " " Holzner's " 1324 "

Total number of Birds collected 4448 May 5, 1896

First Mammal on Bound Survey No. 1412 February 3, 1892  
 Last " " " " 3506 May 5, 1894

Deducting skipped numbers, the whole number  
 on my register is - - - - - 2069  
 Total Number in Holzner's Register - - - 446

Total number of mammals collected May 6, 1894 - 2515

El Paso, Texas - - - Nos. 1412 - 1516  
 Entered in Holzner's Book " 1516 - 1710

Corn Monument, 100 miles W. of El Paso. 1711 - 1768  
 Dog Spring, Grant Co., N. Mex - - 1768 - 1793  
 Mesquite Oaks Mexico - - - 1794 - 1809  
 Big Hatchet Mts - - - 1810 - 1818  
 Dog Springs, Grant Co. N. Mex 1819 - 1832  
 Lang's Ranch, Amnias Valley, 1833 - 1837  
 San Luis Mts. - - - 1838 - 1839  
 Pecos Valley - - - 1840 - 1842  
 Near White Water - - - 1843  
 Dog Spring - - - 1844  
 San Luis Mts - - - 1845 - 1847  
 White Water - - - 1848 - 1849  
 Dog Spring - - - 1850 - 1869  
 White Water - - - 1870 - 1890  
 East side of San Luis Mts 1891 -  
 White Water - - - 1892 - 1896  
 East side San Luis Mts 1897 - 1921  
 Near White Water - - - 1922  
 Lang's Ranch, Amnias Valley - 1923 - 1930  
 (over)



White Water, Chihuahua, Mex	1931
Lang's Ranch	1932-1934
Cajon Bonita	1936-1938
Lang's Ranch	1939-1943
San Bernardino Ranch	1944-1945
Guadalupe Cañon	1946-1949
Lang's Ranch	1950-
<u>The following are missing numbers 1951-1980</u>	
West Side of San Luis Mountains	1981-2003
East " " " "	2004
West " " " "	2005-2027
Guadalupe Cañon	2028-2029
Lang's Ranch	2030
Guadalupe Cañon	2031
San Bernardino Ranch	2032-2036
Guadalupe Cañon	2037
San Bernardino Ranch	2038-2106
Johnston's Ranch 7 m. S. of Bisbee, Ariz.	2106
Bisbee, Arizona	2107
Johnston's Ranch	2108
San Jose Mts.	2109-2114
San Pedro River	2115-2170
Fort Clark, Texas	2171-2293
Pickapoo Springs, Mason Co., Texas	2294-2296
Fort Clark, Texas	2297-2337
Fort Hancock Texas	2338-2346
Belem, El Paso Co., Texas	2346-2351
Fort Hancock, Texas	2352-2414
Yuma Desert (for Wheeler, see his letter)	2415-2416
Fort Clark, Texas	2417
Huachuca Mts. & Mt. Huachuca	2418-2426
San Pedro River at monument No.	2427-2437
Summit of Huachuca Mts.	2438
San Jose Mts.	2439-2456
San Bernardino Ranch	2456-2464
Hall's Ranch, Guadalupe Cañon	2465-2476
Lang's Ranch, Amnias Valley	2477-2513
Cajon Bonita Creek	2514
Chris montana from Gila Mts, Ariz	2515-2487
Mesa (Hognest) " Nogales	2516
White Water	2517
Piñas Valley	2517 (over)



Dog Mts. & Dog Springs, Grant Co, N. Mex.	2518-2551
Monument 64 E. base San Luis Mts	2552
Plyas Valley	2553
Larg's Ranch, Arimas Valley	2554-2565
Monument 111 on Alta Santa Cruz	2567-2572
Cienega, head of Barbacoaroni Creek	2573
Town of Santa Cruz Sonora	2574-2579
Aronds Ranch, Huachuca Mts	2580-2581
Fort Huachuca, Arizona	2582
Town of Santa Cruz, Sonora	2583-2615
Crossing on Santa Cruz River near Mon. 118	2616-2619
Town of Santa Cruz, Sonora	2620
Bucina Vista, Sonora	2621
Nogales, Arizona	2622-2629
Immacuati, Santa Cruz R.	2630-2643
20 miles south of Tucson, on Santa Cruz R.	2644-2647
Tucson, Arizona	2648-2653
Fort Lowell, "	2654-2655
Tucson, Arizona	2656-2657
Fort Lowell	2658
Tucson, Arizona	2659-2660
Santa Rita Mts.	2661
Santa Catalina "	2662-2663
Warsaw, Arizona	2664-2669
La Osa	2670-2746
Paso Verde	2747
Cobata	2748-2749
Paso de Luis	2750-2774
Honayta, Sonora, Mex	2775-2826
Quitovaquito, Arizona	2827-2944
Agua Dulce, Sonora	2945
Gule Wells	2946-2965
Yuma's Altus, Gila Mts.	2966-3033
Adonde, Yuma Co, Arizona	3034-3068
Gila City, "	3069-3103
Yuma, Arizona	3104
Gule Wells, "	3105
Yuma, Arizona	3106-3112
Monument 204, Lower Corner	3112-3156
" 200 Yuma Desert	3157-3159



Monument 204, Lower Corner	Nos	3160 - 3161
" 200 Yuma Desert	"	3162
" 204 Lower Corner		3163 - 3380
Well at Cienega, 30 m. S. of Monument 204		3381 - 3380
Mouth of Col. R. opposite to the mouth of Hardy R.		3381 - 3450
Corral, south of Colonia Diaz		3451
Colonia Diaz, Col. R., Sonora		3452 - 3456
Sus Carpa - " " " "		3457 - 3462
Monument 204 " " " "		3463 - 3466
Yuma, San Diego Co., California	--	3467 - 3485
Lagoon of Col. R., 15 m. below Yuma	--	3486 - 3487
Cook's Wells, L. Cal.	--	3488
Seven Wells " " Saturn R.	--	3489 - 3490
Gardner's Lagoon " " " "	--	3491 - 3500
Unluck Lake, New R., L. Cal	--	3501 - 3502
Laguna Station " " " "	--	3503 - 35

Holypine's first bird Nov. 2, 1892  
 " " " " May 5, 1894 - No. 2469  
 " " " " May 6, 1894 - No. 2470  
 " " " " May 6, 1894 - No. 2471  
 " " " " May 6, 1894 - No. 2472  
 " " " " May 6, 1894 - No. 2473  
 " " " " May 6, 1894 - No. 2474  
 " " " " May 6, 1894 - No. 2475  
 " " " " May 6, 1894 - No. 2476  
 " " " " May 6, 1894 - No. 2477  
 " " " " May 6, 1894 - No. 2478  
 " " " " May 6, 1894 - No. 2479  
 " " " " May 6, 1894 - No. 2480  
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 " " " " May 6, 1894 - No. 2482  
 " " " " May 6, 1894 - No. 2483  
 " " " " May 6, 1894 - No. 2484  
 " " " " May 6, 1894 - No. 2485  
 " " " " May 6, 1894 - No. 2486  
 " " " " May 6, 1894 - No. 2487  
 " " " " May 6, 1894 - No. 2488  
 " " " " May 6, 1894 - No. 2489  
 " " " " May 6, 1894 - No. 2490  
 " " " " May 6, 1894 - No. 2491  
 " " " " May 6, 1894 - No. 2492  
 " " " " May 6, 1894 - No. 2493  
 " " " " May 6, 1894 - No. 2494  
 " " " " May 6, 1894 - No. 2495  
 " " " " May 6, 1894 - No. 2496  
 " " " " May 6, 1894 - No. 2497  
 " " " " May 6, 1894 - No. 2498  
 " " " " May 6, 1894 - No. 2499  
 " " " " May 6, 1894 - No. 2500



Sex	No.	Name	Length	Star	Ext. part	Wing	Tail	Bill	Tarsus	Middle toe	Claw	Length	Locality & remarks
Feb	27	7650	Zonot. interm.	169	230	72	74	19.5	22	52	20	♂	
	27	7651	Carpodacus mex.	156	254	82	69	10	19	19		♂ juv.	
	27	7652	Corvus cy. hl.	525	1080	356	226	52	67	52		♂	
	27	7653	Ardea herodias	see last page.									Rep. of Mexico
	28	7654	Sialia mexicana									♂ ad.	
	28	7655	"									♂ ad.	
	28	7656	Dryobates scalaris									♂ ad.	
	28	7657	Carpodacus frontalis									♂ juv.	
	29	7658	Spizella breweri									♂ ad.	
	29	7659	Chondestes mollis	204	433	147	88	6.5	18	21.5		♂ ad.	
March	2	7660	Accipiter cooperii	475	870	272	234	17.5	68	56		♂ ad.	
	4	7661	Totanus <sup>melanoleucus</sup> <del>flavipes</del>	359	645	202	83	59	65	43.5		♂ ad.	Shipped March 11
	14	7662	Spizella s. arizonae	145	335	77	68	9.2	17	16		♂	Guarez, Mexico
	14	7663	"	150	337	78	68	9.2	17	16		♂	do
	14	7664	Agelaius vociferus	243	504	163	72	19	34	25		♂	do
	15	7665	Spizella s. arizonae	140	340	76	66	9.5	17	16		♂	Stomach filled with <i>Symphyla</i> & <i>larvae</i>
	16	7666	Spizella s. arizonae	174	270	189	73	10	21	21		♂	Mexican Boundary Line 15 miles W. of El Paso, Tex
	16	7667	Amphispiza b. nevad.	171	257	84	81	2	22	20		♂	do
	19	7668	Spizella breweri	141	206	66	67	9.3	18	16.5		♂	Near Monument of Mex. Lat. 31° 42' Long. 105° 15' W. of Washington
	19	7669	Regulus calendula	116	190	62	49	8.5	19	13		♂	First seen this year - March 14, 11
	19	7670	Amphispiza b. nevad.	261	436	131	86	37	40	34		♂	do
	19	7672	Spizella b. calurus	545	1300	400	225	24	88	62		♂	Stomach contained <i>Symphyla</i> & <i>larvae</i>
	20	7671	<del>Spizella b. calurus</del>	240	620	180	90	14	45	30		♂	Stomach filled with <i>corpsules</i>
	20	7672	Circus hudsonius	530	1230	400	255	19	83	54		♀	Stomach empty do
	20	7674	Amphispiza b. nevad.	160	245	84	76	10.5	22	18		♂	do
	21	7675	Amphispiza b. nevad.	228	366	112	67	30	38	35		♀	do
	21	7676	Callipepla squamata	350	380	120	89	12	31	33		♀	Stomach empty do
	21	7677	"	260	382	118	87	12	33	32		♂	Stomach empty do
	21	7678	Sayornis sayi	199	344	113	91	17	21	18		♂	do
	21	7679	Spizella breweri	137	208	67	67	8.5	17	16		♂	do
	22	7680	Falco mexicanus	420	940	300	177	18.5	55	58		♂	Stomach empty. do Mex.
	22	7681	Numenius longirostris	550	975	280	118	144	80	47		♂	do N. Mex.
	22	7682	Cyrtonyx montezumae	250	440	132	70	14	30	35		♂ ad.	do Mex
	22	7683	"	240	430	131	68	14	30	34		♂ ad.	do "
	22	7684	"	225	410	127	64	12.5	29	33		♀ ad.	do "



Date	No.	Name	Frank X. Holzner.										Locality & Remarks.	
			Length	Alar ex.	Wing	Tail	Bill	Tarsus	Mid toe & claw	Sex, age				
23	765	Spizella breweri	135	200	65	63	9	15.5	16	♀ ad	Mexico near 5 <sup>th</sup> monument			
24	766	Amphispiza b. nevadensis	57	240	77	72	19	32	25	18.5	♀ ad	N. M.	4	
25	767	Oroscoptes montanus	225	319	100	44	19	31	25	7	♀ ad	Wey.	7	
26	768	Corvus cryptoleucus	53	106	36.5	21	50	62	58	5	♀ ad	N. M.	slot for tent.	
26	769	Circus hudsonius	526	1240	403	276	18	82	54	5	♀ ad	Mexico "Humaci"		
27	760	Amiurus linn	240	330	106	101	16.5	28	25	8	♂	Canaima	typus ariz.	
28	761	Spizella breweri	144	205	67	70	9	17	15.5	8	♂	Mex. near 5 <sup>th</sup> monument.		
28	762	Bubo l. subarcticus	490	1310	373	210	27	62	65	8	♂	do		
31	763	Junco <sup>canebrake</sup> <del>canalis</del>	171	265	87	82	11	22	19	8	♂ ad	New Mexico near 5 <sup>th</sup> monument		
31	764	Mniotilta cinerea	225	340	110	105	18.5	23	19	8	♂ ad	Mexico	do	
31	765	Pipilo chlorurus	189	252	80	89	13	24	25	♀ ad	"	do		
31	766	Pipilo fuscus melanurus	209	297	95	102	14.7	25	25	♀ ad	"	do		
2	767	Junco <sup>canebrake</sup> <del>canalis</del>	166	258	86	79	11.5	20	18	♂ ad	"	do		
2	768	Proocetes g. confinis	158	265	82	67	11	21	19	♀ ad	"	do		
2	769	Corvus cryptoleucus	53	106	36.5	21	50	62	54	♀ ad	"	do		
2	770	Lanius l. excubitorides	237	333	107	110	16.5	29	24	♂ ad	"	do		
2	771	"	240	335	102	107	17	30	25	♂ ad	"	do		
3	772	Chamaea melanocorys	168	275	86	66	12.5	21	21	♀ ad	"	do		
3	773	Sayornis payi	207	350	111	91	14	20	19	♂ ad	"	do		
5	774	Falco s. deserticolus	267	580	146	136	12	36	31	♂ ad	N. M.	do		
5	775	Lanius l. excubitor	231	227	103	105	15	26	23	♀ ad	do	Cought at Dytodops road		
5	776	Amphispiza b. nevad.	164	249	81	77	11.5	20	19	♀ ad	do	do		
5	777	Sayornis payi	200	342	111	91	15.5	21	17	♂ ad	do	do		
6	778	Oroscoptes montanus	225	318	104	97	18	30	26	♂ ad	Mex.	do		
6	779	Junco <sup>canebrake</sup> <del>canalis</del>	166	262	87	77	11.5	21.5	19.5	♂ ad	Mex.	do		
7	7710	Spizella c. hypogaea	232	325	180	86	18	73	29	133	♀	Minibres Valley near Lake Palomus, Mex.		
7	7711	Thryothorus hypoleucos	225	415	137	94	25	21	22	71	♀	do		
7	7712	Oroscoptes montanus	225	322	103	95	17	32	27	92	♂	do		
7	7713	Junco <sup>canebrake</sup> <del>canalis</del>	161	241	78	73	11	21.5	18	♀	Lake Palomus, Mexico			
7	7714	Macrorhamphus griseus	307	500	155	70	70	40	33	135	♀	do		
7	7715	Macrorhamphus griseus	466	802	242	95	97	100	53	275	♀	do		
7	7716	Macrorhamphus griseus	285	490	150	65	60	40	34	134	♂	do		
7	7717	"	305	156	64	70	44	35	141	♀	do	do		
7	7718	"	288	472	146	65	40	34	135	♂	do	do		
7	7719	Stilt Sandpiper	221	415	52	59	36	39	30	119	♂	do		

Frank X. Holzner										Locality & Remarks		
No.	Date	Name	Length	Alar ex.	Wing	Tail	Bill	Tarsus	Middle toe	Claw		
7720	April	Stilt Sandpiper	235	418	134	61	41	41	28	123	♂	Lake Palomus, Mexico
7721	7	do	229	417	132	59	38	39.5	28		♂	do
7722	7	do	227	415	131	57	39	41	27	122	♂	do
7723	8	Totanus melanoleucus	343	595	183	84	54	62	39	178	♂	do
7724	8	"	354	610	193	83	56	63	40	178	♀	do
7725	8	"	356	650	205	84	55	65	40	183	♀ ad.	do
7726	8	Gallinago delicata	276	440	140	65	63	34	38	127	♂ ad.	do
7727	8	Aegialitis vocifera	257	500	162	102	18	33	25	110	♀ ad.	do
7728	8	Cistiophorus f. poliopterus	138	180	56	53	14	20	17.5	84	♂ ad.	do
7729	8	Anthus pensilvanicus	170	275	87	70	13	23	18		♂ ad	molting do
7730	8	Tringa minutilla	130	288	90	43	17.5	17.5	20	70	♀ ad.	do
7731	8	<sup>Bl. &amp; white</sup> <del>Tringa</del> albicollis	385	625	<sup>185</sup> 480	95	28	33	57	155	♂ ad.	do
7732	8	Erismatura rubida	345	576	147	65	40	33	64	160	♀ ad.	do
7733	8	Aegialitis vocifera	268	530	173	109	20.5	37	28	124	♂ ad.	do
7734	8	Numenius	365	720	214	95	62	50	32.5	146	♀ ad.	do
7735	9	Falco <sup>dark brown. cere, maxilla &amp; stomach dark yellow. bill yellowish.</sup> <del>femorals</del>	390	835	270	193	15.5	47.5	48		♂ ad.	3 near Palomus, shading to blue-black at tip. feet chrome; claws blue-black.
7736	9	Anas strepera	500	870	263	197	47	41	54		♀ ad.	Lake Palomus, Mexico
7737	9	Spatula clypeata	510	810	250	102	68	37	52		♂ ad.	do
7738	9	Anas strepera	551	922	276	109	47	46	58		♂ ad.	do
7739	9	"	535	905	275	105	45	43	61		♂ ad.	do
7740	9	Macrorhamphus griseus	285	470	147	68	39	34	133		♀ ad.	do
7741	9	"	308	546	155	68	73	39	37	140	♀ ad.	do
7742	9	"	282	478	148	61	68	39.5	35	132	♂ ad.	do
7743	9	Pipilo m. megalonyx	210	285	91	97	15	28	28		♀ ad.	do
7744	10	Orani.	755	1625	437	166	56	81	75	35	♂ ad.	do
7745	10	Fulica americana	395	720	210	60	34	62	94	257	♂ ad.	do
7746	10	Botaurus lentiginosus	705	1060	293	105	80	93	108		♂ ad.	do
7747	10	Circus hudsonius	510	1320	400	265	19	85	52		♀ ad.	do
7748	10	Tringa minutilla	144	287	88	40	17	19	20	70	♂ ad.	do
7749	10	"	149	287	90	42	18	20	20.5	73	♀ ad.	do
7750	10	"	152	292	94	42	19.5	20	20.5	73	♀ ad.	do
7751	10	"	143	282	88	42	17	18	19	68	♂ ad.	do
7752	10	Spatula clypeata	572	820	258	110	69	40	52	260	♂ ad.	do
7753	10	Anas cyanoptera	400	623	184	75	44	34	45	143	♀ ad.	do
7754	10	Anas discors	407	645	194	80	47	34	47	149	♀ ad.	do



[illegible]



[illegible]

Date	May	Name.	Length	Star	Wing	Tail	Bill	Tarsus	M. toe	Inf. toe	Locality	Sex
7880	1	<i>Myiarchus cinerascens</i>	264	405	124	94	125	34	35	12		♂ ad.
7882	1	<i>Campylorhynchus br.</i>	198	263	80	80	20.5	25	23	7		♀ ad.
7883	2	<i>Dendroica auduboni</i>	143	240	78	63	10	19	17	8		♂ ad.
7884	2	<i>Tyrannus verticalis</i>	219	393	125	95	25.5	19.5	20	7		♀ ad.
7885	3	<i>Lanius ludovici. exc.</i>	231	337	113	107	17	28	24	8		♂ ad.
7886	3	<i>Dendroica auduboni</i>	150	242	79	64	10	19	17.5	8		♂ ad.
7887	3	<i>Turdus</i>	197	315	105	85	13.5	29	24	8		♂ ad.
7888	3	<i>Pipilo chlorurus</i>	201 268	268	87	95	12.3	23.5	24.5			
7889	3	<i>Myiarchus cinerascens</i>	219 342	342	105	161	19	23	19			
7890	4	<i>Cathartes aura</i>	1740 645	570	510	270	32	60	78			
7891	4	<i>Empidonax hammondi</i>	146	225	70	65	11	17.5	15			



Date	No.	Name	Tarsus	Culmen	Wing	Tail	Bill	Middle toe	Inner toe	Remarks to Locality
Feb. 1892.										El Paso, Tex.
7571	60.	<i>Carpodacus frontalis</i>	150	251	80	65.5	12	18	17.5	♂ eggs brown.
7572	65.	<i>Otocoris</i>	168	308	96	69.	10	21	17.	♀ No. 7573
7573	66.	<i>Campylorhynchus</i>	212	388.	91.	85	24.5	27	23	♂
7574	67.	<i>Sturnella l. occ.</i>	223	320	101	105	15.5	28	21	♂
7575	68	<i>Zonotrichia intermedia</i>	168	244	78	78	11.	22.	22.	♀
7576	69	" "	162	236	76	72	11.	22.5	21	♂
7577	70	" "	172	257	80	78	11	23.5	22	♂
7578	71	<i>Corvus cryptoleucus</i>	195	320.	340	211	49.	62.	50.	♂
7579	72	<i>Sturnella l. occ.</i>	238	340	103	112	17.	29	28	♂
7580	73.		175	331	102	105	10	22	19.	♂
7581	74.		180.	339.	107	72	22	19	19	♀
7582	75	<i>Anthus ph.</i>	410.							♀
7583	76	"								♀
7584	77	"								♀
7585	78	"								♀
7586	79	"								♀
7587	80.	"								♀
7588	81.	<i>Corvus cryptoleucus</i>	531	1080.	355	221	52	66	59.	♂
7589	82	"	504.	1065.	342	208	48	60	54	♀
7590	83	<i>Campylorhynchus</i>	212	275	88	84.	23	29	22.	♀
7591	84	<i>Salpinctes obsoletus</i>	156	236	73	57	20	52	18.5	♂
7592	85	"	158	239	76	57	20	21	18.	♂
7593	86	<i>Thryothorus b. bairdi</i>	147	177	58	64	14	18	16	? ♀
7594	87	<i>Pipilo c. mesoleucus</i>	224	318	101	110	15.5	25	24	♂
7595	88	<i>Spizella breweri</i>	140	210	67	68	14.	18.5	17	♀
7596	89.	<i>Otocoris</i>	172	315.	99.	69	11	20	18	♀
7597	90	<i>Otocoris</i>	169	315	99.	66.	11	21	18.	♀
7598	91	"	182.	340.	110.	81.	12	23	18	♂
7599	92.	<i>Salpinctes obsoletus</i>	155.	242	73	60	17	22	17.5	♂
7600	93	<i>Campylorhynchus</i>	215	287.	92	85	24.	29.	26.	♂
7601	94	"	209	272	83	81	21.5	27	23.5	♂
7602	95	<i>Zon. interm</i>	165	239	75	75	11	23	21.5	♂
7603	96	<i>Salpinctes obs.</i>	154	235	72	59	17	22	19.	♂



Date	No.	7615 to.	Length	Wing	Tail	Bill	Tarsus	Middle toe & claw	Sex	Locality & Remarks.
July 12.	7615.									
12	7615	Accipiter velox.	289	<del>251</del> 180	157	11	46	38.	♂	El Paso, Texas. N 27 615. 20 mi. East from intermission.
	7616	Linurus l. virid	232	320	101	107	15	25	21.	♀
	7617	Barus.	112	180	57	53	9	16.5	12	?
	7618	Junco	161	250	84	73	11	21	19.	♂
	7619	Spizella breweri	139.	198	64	61	9	18	16.5.	♂
	7620	Ocotoris a. arenic.	170	312	103	71	10.5	20	16.	♀.
	7621	" " "	170	320	101	67	11.5	21	17	♀
	7622	" " "	191	357	116	82	12.5	23	21	♂
	7623	Amphispiza brevicauda	168	264	83	77	11.	23	18.5	♀
15	7624	Ocotoris	183	340	<del>115</del> 81	12	21.5	19.	♂	Camp near El Paso
15.	7625.		206	341	110	87	17	21	19.	♂. Intermission.
16.	7626	Amphisp. calidum	146	225	71	64	11	20.5	18	♂
16	7627.		186	328	108	70	24.	18	19	♂
17.	7628	Junco.	157	244	77	68	11	22	18	?
17	7629	"	154	242	75	66	11	22	18	♀
17	7630.	Ocotoris	191	350	117	83	11.5	20	17.	♂
17	7631		149	218	70	68	11	17	15.5	?
17	7632	Salpinctes	152	229	75	57.5	17	21	17.	♂
20	7633	Corvus yr. pl.	545	1085.	381	233	56	60	51	♂ Camp near El Paso
20	7634	" " "	505	1027	35	216	49	60	44.	♀ Intermission.
20	7635	Zonotrichia int.	179	261	85	80	11	23	22	♂ Cyclone trap.
20	7636	Amphispiza sinuata	219	310	99	109	13	26	24	?
20	7637	Amphispiza	298	402	120	140	25	40	31	♀ Isletta
20	7638	Harporh. crissalis	297	323	101	125	36	33	29	♀ Isletta
22	7639	Staph. l. hirta	186	342	111	74	21	18	18.5	♂
22	7640	"	193	351	112	74	19.5	19.5	20	♀
22	7641	Dialia mexicana	172	320	114	68	12.5	21.	20	♂
22	7642	"	179	330	110	71	12.5	22	20	♂
23	7643	Zonotrichia interm.	171	246	77	76	10.7	23	21	♀
23	7644	Sayornis sayi	202	335	108	88	18.	21	16.5	♂
23	7645	Corvus cy bl.	545	1080	360	216	53	63	55.	♂
25	7646	Junco	163	258	86	74.5	10.5	23.	19	♂
"	7647	"	164	240	75	71	11	22	20	♀
"	7648	Zonotrichia	176	249	81	79	11	26	19	?
27	7649	Sayornis sayi.	200	326	108	88	16	20	17	